DOCUMENT RESUME

ED 349 324 TM 018 948

TITLE Results of the Colorado Student Assessment Program, Fall 1988 and Fall 1991.
INSTITUTION Colorado State Dept. of Education, Denver.
PUB DATE May 92
NOTE 60p.
PUB TYPE Statistical Data (110)

EDRS PRICE MF01/PC03 Plus Postage.
DESCRIPTORS *Academic Achievement; *Achievement Tests; *Educational Assessment; Elementary Secondary Education; Grade 4; Grade 7; Grade 10; Norm Referenced Tests; Profiles; School Districts; *School Statistics; Scores; Standardized Tests; *State Programs; State Surveys; *Student Evaluation; Tables (Data); Testing Programs; Test Results
IDENTIFIERS *Colorado; Iowa Tests of Basic Skills

ABSTRACT

Colorado conducts an assessment program to provide a statewide profile of student achievement. Results for fall 1988 and fall 1991 are presented in a series of tables. A standardized, nationally norm-referenced achievement test, the Iowa Tests of Basic Skills, was administered in 1988 to students in grades 4, 7, and 10, and again to the same grades in 1991. The same general sampling procedures were used in both years to assure that both were valid and representative samples. To provide a profile of the average Colorado student at each of the three grades, the results in this report represent national percentile ranks for students of the mean developmental scale score in each learning area on the basic test battery. To better profile changes in achievement over time, mean developmental scale scores are also presented. Percentages of student ranking in the upper decile, the upper quartile, the lower quartile, and the bottom decile are also presented. For each of these areas, results are presented by sex, race and ethnicity, district size, and geographic finance category. Included are 47 tables and a list of the school districts in Colorado by size. (SLD)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

TM

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

☒ This document has been reproduced as received from the person or organization originating it.

☐ Minor changes have been made to improve reproduction quality.

• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY

N. BOLT

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

ED349324

Results of the Colorado Student Assessment Program

Fall 1988 and Fall 1991

cde

TM018948

 BEST COPY AVAILABLE

Colorado State Board of Education

Seated January 8, 1991

Sybil S. Downing, Chairman ..... Member-at-Large
Boulder

Patricia M. Hayes, Vice Chairman ..... 6th Congressional District
Englewood

Gladys S. Eddy ..... 4th Congressional District
Fort Collins

Royce D. Forsyth ..... 1st Congressional District
Denver

Thomas M. Howerton ..... 5th Congressional District
Colorado Springs

Ed Lyell ..... 2nd Congressional District
Broomfield

Hazel F. Petrocco ..... 3rd Congressional District
Pueblo

William T. Randall
Commissioner of Education
State of Colorado

May 1992

Assessment Unit
Colorado Department of Education

The Colorado Department of Education does not discriminate on the basis of disability, race, color, religion, sex, national origin, or age in access to, employment in, or provision of any of CDE's programs, benefits, or activities.

BEST COPY AVAILABLE

Introduction

The Colorado State Board of Education amended the rules for the accreditation of school districts in December 1987 to establish the Colorado Student Assessment Program and to require schools and districts to participate in the program. The purpose of the assessment program is to provide a statewide profile of student achievement.

When adopting the initial five-year plan for the Colorado Student Assessment Program, the State Board chose to assess a **sample** of students rather than every student in a given grade. The Board also chose to use a variety of assessment instruments in different school years rather than using the same instrument each year.

A standardized, nationally norm-referenced achievement test was scheduled to be administered to statewide samples of Colorado students in 4th, 7th, and 10th grades during the 1988-89 and 1991-92 school years. The goal was to monitor changes in student achievement over time.

A competitive procurement was conducted in spring 1988 to select the standardized, nationally norm-referenced achievement test battery to be used by the Colorado Student Assessment Program. Each test battery offered to the State of Colorado was rated on its technical quality and potential cost. On this basis, Levels 10, 13, and 16 of the Iowa Tests of Basic Skills/Tests of Achievement and Proficiency, Form G were selected for use in 4th, 7th, and 10th grades, respectively, during fall 1988. These tests were published by the Riverside Publishing Company in 1986.

To measure changes in student achievement over time, these same instruments were scheduled to be re-administered to statewide samples of 4th, 7th, and 10th graders during fall 1991.

Since their initial adoption for statewide use in 1986 as a part of the pilot student assessment efforts conducted by the 2 + 2 Project established by the Educational Quality Act of 1985, the Iowa Tests of Basic Skills/Tests of Achievement and Proficiency, Form G have become one of the most commonly used assessment instruments in Colorado. A review of assessment research literature suggests that student achievement scores may increase over time because of familiarity with the test battery.

To study this question, the fall 1991 statewide samples were divided into two equivalent halves. One half of the samples administered the exact same instruments as were used in fall 1988. The other half of the samples administered Levels 10, 13, and 16 of the Iowa Tests of Basic Skills/Tests of Achievement and Proficiency, Form J. The new form of the test battery was published by the Riverside Publishing Company in 1989. Form J is used by very few school districts in Colorado.

National standardization or norming studies were conducted for both Forms G and J during the 1988-89 school year. The two forms were statistically equated as a part of those studies and are considered to be equivalent versions of the test battery.

Preliminary analyses of the fall 1991 Colorado statewide samples indicate that the two forms of the test battery did function as equivalent forms. A separate report comparing the 1991 student achievement on each form will be provided at a later date.

All of the results in this report are presented in terms of Form G. The fall 1988 norms were used to report the results of both the 1988 and 1991 Colorado statewide samples.

The State Board of Education chose to use only the basic test battery, though the test booklets contained the complete test battery. For 4th and 7th grades, the basic test battery includes: vocabulary, reading, language skills, work-study skills, and mathematics skills. For 10th grade, the basic test battery includes: reading, written expression, using sources of information or reference skills, and mathematics. Each school had the option of administering the social studies and science tests to its students.

The school building served as the basic sampling unit to minimize disruption. All students in that grade within the building were tested. The only students **exempted** from testing were those classified as non-English speaking or non-English reading and those who received more than 50 percent of their academic instruction from special services. The school also had the option of testing these students; if tested, their scores were not included in the state results.

A sampling matrix of Colorado school districts by district setting categories and district size categories was built for the 1988 samples. For each of the three grades, all public schools and the number of students in that grade were listed for each of the 30 sampling cells. Schools were also ordered according to socio-economic data within each cell. Cells were then sampled in proportion to their contribution to total student population for that grade. The samples were then checked against the public school finance categories to assure adequate representation in each of the eight categories.

Because district setting categories are no longer used for reporting, a sampling matrix of Colorado school districts by public school finance categories and district size categories was built for the 1991 samples. Within the matrix, the same general sampling procedures used for the 1988 sample selection were followed. Care was taken to assure that the sample would also yield the two equivalent half samples to study the effect of using different forms of the test battery.

Despite difference in the original sampling matrices, both the 1988 and the 1991 statewide samples are valid, representative samples of Colorado public schools that may be compared.

Statewide samples for both years represented approximately two-sevenths or 28 percent of the students in that grade. The exact number of students tested in both 1988 and 1991 by the different reporting categories is presented in a table for each grade.

The fall empirical norming date for both Forms G and J was October 31, 1988. The 1988 statewide samples of Colorado students were tested between October 24 and November 4, with any makeup testing being conducted during the week of November 7. The 1991 statewide samples of Colorado students were tested between October 21 and November 8, with any makeup testing being conducted during the week of November 11th. If a school selected for the statewide sample was on an alternative calendar schedule, students were tested at the equivalent point in their school year.

To provide a profile of the "average" Colorado student at each of the three grades, the results presented in this report represent the national percentile rank (NPR) for pupils of the mean developmental scale score (DSS) in each learning area included on the basic test battery. The mean developmental scale score (DSS) is simply the arithmetic average of the developmental scale scores for all students included in a report category on that particular test.

A percentile rank of 50 indicates that the score is higher than or equal to the score obtained by 50 percent of the students who participated in the fall 1988 national norming study for the test battery. It does <u>not</u> mean that 50 percent of the items were answered correctly. The national average is, by definition, the 50th percentile rank.

Percentile ranks represent an ordinal scale of measurement. Their purpose is to rank or order students. Percentile ranks should <u>not</u> be added, subtracted, averaged, or used for mathematical analyses.

To better profile changes in achievement over time, the mean developmental scale scores (DSS) are also presented in this report. These scores run continuously through the various levels of the test battery (K - 12) and may be used for mathematical analyses.

The mean developmental scale scores have been rounded off in this report to three-digit numbers due to space limitations. As a result of rounding error, it may appear that the same score is associated with more than one national percentile rank (NPR) for pupils. Exact scores for each reporting group on each test are available from the Assessment Unit for anyone wishing to do more exacting comparisons or statistical studies.

To better understand the range of student achievement in Colorado, the percentage of students achieving in the top tenth or upper decile (90th to 99th percentile ranks), the upper quartile (75th to 99th percentile ranks), the lower quartile (1st through 24th percentile ranks), and the lowest tenth or bottom decile (1st through 9th percentile ranks) also are presented. These percentages provide a more complete picture of student achievement for all of the reporting groups.

In the national norming studies, ten percent of the students had scores in each tenth or decile and 25 percent of the students had scores in each quartile.

Composite scores for student reporting groups have <u>not</u> been included in this report because such scores do not provide meaningful information about student achievement in a specific learning area or major components of a learning area. However, composite scores are available upon request from the Assessment Unit.

Average Achievement Results on the
Iowa Tests of Basic Skills, Form G
in terms of National Percentile Ranks (NPR)
and Developmental Scale Scores (DSS)
Fall 1988 and 1991

	Vocabulary - Grade 4				Vocabulary - Grade 7			
	1988		1991		1988		1991	
	NPR	DSS	NPR	DSS	NPR	DSS	NPR	DSS
State	56	114	**54**	**113**	55	151	**53**	**150**
Gender								
Female	56	114	**55**	**113**	53	150	**52**	**149**
Male	56	114	**53**	**113**	56	151	**54**	**151**
Race/Ethnicity								
American Indian/ Alaskan Native	48	111	**45**	**110**	49	148	**43**	**144**
Asian/Pacific Islander	54	113	**45**	**110**	47	147	**52**	**149**
Black	30	104	**34**	**106**	37	141	**37**	**141**
Hispanic	34	106	**36**	**107**	36	140	**36**	**140**
White	61	116	**59**	**115**	61	154	**59**	**153**
District Size								
Above 25,000	52	112	**51**	**112**	49	148	**53**	**150**
6,001 - 25,000	58	115	**56**	**114**	57	152	**54**	**150**
1,201 - 6,000	57	114	**53**	**113**	54	151	**54**	**150**
601 - 1,200	57	115	**52**	**112**	56	152	**49**	**148**
301 - 600	56	114	**55**	**114**	52	150	**53**	**150**
Less than 300	59	115	**53**	**113**	59	153	**58**	**153**
Finance Category								
Core City	38	107	**37**	**107**	37	141	**39**	**142**
Denver Metro	59	115	**57**	**114**	58	152	**56**	**152**
Urban/Suburban	56	114	**56**	**114**	54	151	**53**	**150**
Outlying City	57	115	**55**	**114**	55	151	**54**	**150**
Outlying Town	58	115	**50**	**112**	57	152	**53**	**150**
Rural	54	113	**50**	**112**	52	150	**51**	**149**
Recreational	65	118	**60**	**116**	61	154	**62**	**155**
Small Attendance	51	112	**57**	**114**	67	158	**55**	**151**

Average Achievement Results on the
Iowa Tests of Basic Skills, Form G
in terms of National Percentile Ranks (NPR)
and Developmental Scale Scores (DSS)
Fall 1988 and 1991

	Reading - Grade 4				Reading - Grade 7			
	1988		1991		1988		1991	
	NPR	DSS	NPR	DSS	NPR	DSS	NPR	DSS
State	58	116	**55**	**114**	54	150	**56**	**152**
Gender								
Female	60	117	**57**	**115**	58	153	**59**	**153**
Male	56	115	**52**	**113**	50	148	**53**	**150**
Race/Ethnicity								
American Indian/ Alaskan Native	51	112	**48**	**111**	43	144	**46**	**146**
Asian/Pacific Islander	61	117	**49**	**112**	58	153	**58**	**153**
Black	32	104	**32**	**104**	37	140	**37**	**140**
Hispanic	38	107	**40**	**107**	37	140	**39**	**142**
White	63	118	**60**	**117**	59	153	**61**	**155**
District Size								
Above 25,000	53	113	**52**	**113**	50	148	**55**	**151**
6,001 - 25,000	60	116	**58**	**115**	56	151	**57**	**152**
1,201 - 6,000	59	116	**55**	**114**	52	150	**57**	**152**
601 - 1,200	61	117	**54**	**114**	59	153	**56**	**152**
301 - 600	58	116	**59**	**116**	56	152	**60**	**154**
Less than 300	60	116	**54**	**114**	63	156	**66**	**157**
Finance Category								
Core City	40	107	**39**	**107**	40	142	**41**	**142**
Denver Metro	60	117	**57**	**115**	56	152	**59**	**153**
Urban/Suburban	59	116	**56**	**115**	53	150	**55**	**151**
Outlying City	60	117	**58**	**116**	54	151	**57**	**152**
Outlying Town	61	117	**54**	**114**	58	152	**58**	**153**
Rural	56	115	**54**	**114**	55	151	**57**	**152**
Recreational	67	120	**61**	**117**	64	156	**69**	**160**
Small Attendance	54	114	**55**	**114**	70	160	**60**	**154**

Average Achievement Results on the
Iowa Tests of Basic Skills, Form G
in terms of National Percentile Ranks (NPR)
and Developmental Scale Scores (DSS)
Fall 1988 and 1991

	Language - Grade 4				Language - Grade 7			
	1988		1991		1988		1991	
	NPR	DSS	NPR	DSS	NPR	DSS	NPR	DSS
State	51	112	**48**	**111**	49	147	**52**	**149**
Gender								
Female	55	115	**53**	**113**	57	152	**58**	**152**
Male	46	110	**43**	**109**	42	143	**46**	**145**
Race/Ethnicity								
American Indian/ Alaskan Native	39	107	**42**	**108**	37	140	**41**	**142**
Asian/Pacific Islander	59	116	**51**	**112**	61	154	**59**	**153**
Black	29	102	**32**	**104**	34	138	**36**	**139**
Hispanic	36	105	**35**	**105**	35	138	**37**	**139**
White	55	114	**52**	**113**	54	150	**57**	**151**
District Size								
Above 25,000	50	112	**48**	**111**	47	146	**53**	**149**
6,001 - 25,000	52	113	**49**	**112**	50	148	**51**	**149**
1,201 - 6,000	51	113	**47**	**111**	50	147	**52**	**149**
601 - 1,200	51	112	**44**	**109**	51	148	**47**	**146**
301 - 600	46	110	**46**	**110**	47	146	**51**	**149**
Less than 300	52	113	**46**	**110**	56	151	**58**	**152**
Finance Category								
Core City	38	106	**38**	**106**	39	141	**41**	**142**
Denver Metro	55	114	**52**	**113**	52	149	**55**	**151**
Urban/Suburban	49	112	**48**	**111**	48	147	**50**	**148**
Outlying City	54	114	**50**	**112**	54	150	**54**	**150**
Outlying Town	49	111	**44**	**109**	49	147	**49**	**147**
Rural	46	110	**42**	**109**	47	147	**49**	**147**
Recreational	61	117	**51**	**112**	55	150	**63**	**155**
Small Attendance	47	110	**51**	**112**	60	154	**54**	**150**

Average Achievement Results on the
Iowa Tests of Basic Skills, Form G
in terms of National Percentile Ranks (NPR)
and Developmental Scale Scores (DSS)
for the Language Skills Tests
Fall 1988 and 1991

	Spelling - Grade 4				Spelling - Grade 7			
	1988		1991		1988		1991	
	NPR	DSS	NPR	DSS	NPR	DSS	NPR	DSS
State	47	111	**43**	**109**	47	147	**47**	**147**
Gender								
Female	53	113	**48**	**111**	55	152	**53**	**151**
Male	42	108	**38**	**106**	40	142	**41**	**143**
Race/Ethnicity								
American Indian/ Alaskan Native	35	105	**42**	**108**	36	139	**39**	**141**
Asian/Pacific Islander	62	118	**51**	**112**	63	158	**58**	**154**
Black	31	103	**34**	**104**	37	140	**38**	**141**
Hispanic	37	106	**34**	**104**	37	140	**36**	**139**
White	50	112	**46**	**110**	50	149	**50**	**149**
District Size								
Above 25,000	44	109	**43**	**108**	44	145	**47**	**147**
6,001 - 25,000	49	111	**43**	**109**	49	148	**46**	**146**
1,201 - 6,000	48	111	**44**	**109**	47	147	**49**	**148**
601 - 1,200	51	112	**41**	**107**	47	147	**43**	**144**
301 - 600	46	110	**41**	**108**	44	145	**45**	**146**
Less than 300	48	111	**44**	**109**	50	149	**51**	**149**
Finance Category								
Core City	33	104	**33**	**103**	37	140	**37**	**140**
Denver Metro	50	112	**45**	**109**	49	148	**49**	**148**
Urban/Suburban	47	110	**45**	**109**	47	147	**46**	**146**
Outlying City	51	112	**47**	**110**	52	150	**51**	**149**
Outlying Town	49	111	**42**	**108**	45	146	**45**	**146**
Rural	46	110	**40**	**107**	45	145	**44**	**145**
Recreational	47	110	**38**	**106**	51	149	**55**	**152**
Small Attendance	50	111	**43**	**109**	58	154	**45**	**145**

Average Achievement Results on the
Iowa Tests of Basic Skills, Form G
in terms of National Percentile Ranks (NPR)
and Developmental Scale Scores (DSS)
for the Language Skills Tests
Fall 1988 and 1991

	Capitalization-Grade 4				Capitalization-Grade 7			
	1988		1991		1988		1991	
	NPR	DSS	NPR	DSS	NPR	DSS	NPR	DSS
State	50	112	**50**	**112**	46	146	**48**	**147**
Gender								
Female	55	114	**55**	**114**	51	149	**52**	**150**
Male	46	110	**46**	**110**	41	142	**45**	**145**
Race/Ethnicity								
American Indian/ Alaskan Native	43	109	**46**	**110**	36	139	**39**	**141**
Asian/Pacific Islander	61	117	**53**	**113**	55	152	**55**	**151**
Black	31	103	**35**	**105**	33	137	**35**	**138**
Hispanic	37	106	**38**	**106**	35	138	**36**	**139**
White	54	114	**54**	**114**	49	148	**52**	**150**
District Size								
Above 25,000	49	111	**50**	**112**	45	145	**49**	**148**
6,001 - 25,000	51	112	**52**	**113**	45	145	**48**	**147**
1,201 - 6,000	52	113	**50**	**112**	48	147	**48**	**148**
601 - 1,200	50	112	**47**	**110**	50	148	**43**	**144**
301 - 600	49	112	**49**	**112**	44	145	**50**	**148**
Less than 300	53	114	**49**	**111**	53	150	**54**	**151**
Finance Category								
Core City	39	107	**40**	**107**	39	141	**40**	**142**
Denver Metro	53	113	**53**	**114**	47	147	**50**	**148**
Urban/Suburban	49	111	**51**	**112**	45	145	**48**	**147**
Outlying City	55	114	**54**	**114**	52	140	**52**	**149**
Outlying Town	48	111	**47**	**110**	46	146	**45**	**145**
Rural	47	111	**45**	**109**	46	146	**47**	**146**
Recreational	61	117	**51**	**112**	48	147	**57**	**153**
Small Attendance	50	112	**57**	**116**	51	149	**52**	**150**

Average Achievement Results on the
Iowa Tests of Basic Skills, Form G
in terms of National Percentile Ranks (NPR)
and Developmental Scale Scores (DSS)
for the Language Skills Tests
Fall 1988 and 1991

	Punctuation-Grade 4				Punctuation-Grade 7			
	1988		1991		1988		1991	
	NPR	DSS	NPR	DSS	NPR	DSS	NPR	DSS
State	51	113	47	111	50	148	54	151
Gender								
Female	55	114	51	113	58	153	61	155
Male	48	111	44	109	43	144	47	147
Race/Ethnicity								
American Indian/ Alaskan Native	42	108	40	107	38	140	45	145
Asian/Pacific Islander	61	118	52	113	62	156	64	157
Black	33	103	34	104	35	138	36	139
Hispanic	38	106	37	105	36	139	40	142
White	55	114	51	112	54	151	58	154
District Size								
Above 25,000	54	114	49	112	48	147	55	151
6,001 - 25,000	52	113	48	111	51	149	54	151
1,201 - 6,000	50	112	44	109	49	148	53	151
601 - 1,200	48	111	43	109	52	150	49	148
301 - 600	43	109	43	109	50	148	55	151
Less than 300	46	110	44	109	57	153	59	154
Finance Category								
Core City	45	109	43	109	41	142	44	144
Denver Metro	56	115	51	113	53	150	57	153
Urban/Suburban	49	111	47	110	49	148	51	149
Outlying City	54	114	47	111	53	150	55	152
Outlying Town	45	110	41	108	50	148	51	149
Rural	43	109	40	107	49	148	51	149
Recreational	61	117	51	113	55	151	64	157
Small Attendance	42	108	48	111	63	157	59	154

Average Achievement Results on the
Iowa Tests of Basic Skills, Form G
in terms of National Percentile Ranks (NPR)
and Developmental Scale Scores (DSS)
for the Language Skills Tests
Fall 1988 and 1991

	Usage - Grade 4				Usage - Grade 7			
	1988		1991		1988		1991	
	NPR	DSS	NPR	DSS	NPR	DSS	NPR	DSS
State	54	114	**52**	**113**	50	148	**53**	**150**
Gender								
Female	57	116	**55**	**115**	56	152	**58**	**154**
Male	51	112	**49**	**111**	45	144	**48**	**146**
Race/Ethnicity								
American Indian/ Alaskan Native	42	106	**45**	**108**	40	140	**42**	**142**
Asian/Pacific Islander	51	112	**47**	**110**	55	151	**53**	**150**
Black	32	100	**34**	**102**	35	136	**37**	**138**
Hispanic	38	104	**39**	**104**	35	136	**37**	**138**
White	59	117	**57**	**116**	55	151	**58**	**154**
District Size								
Above 25,000	53	113	**52**	**113**	47	146	**53**	**150**
6,001 - 25,000	55	115	**54**	**114**	52	149	**53**	**150**
1,201 - 6,000	55	115	**51**	**112**	50	148	**52**	**150**
601 - 1,200	54	114	**49**	**111**	51	148	**51**	**149**
301 - 600	49	111	**51**	**112**	48	146	**52**	**149**
Less than 300	57	116	**49**	**111**	58	153	**58**	**154**
Finance Category								
Core City	40	105	**40**	**105**	40	140	**41**	**141**
Denver Metro	58	117	**56**	**115**	53	150	**56**	**153**
Urban/Suburban	53	114	**52**	**113**	49	147	**51**	**148**
Outlying City	57	116	**53**	**114**	54	150	**52**	**149**
Outlying Town	53	113	**49**	**111**	51	149	**52**	**149**
Rural	50	112	**49**	**111**	47	145	**51**	**149**
Recreational	69	123	**58**	**117**	58	153	**66**	**159**
Small Attendance	49	111	**54**	**114**	62	157	**56**	**152**

Average Achievement Results on the
Iowa Tests of Basic Skills, Form G
in terms of National Percentile Ranks (NPR)
and Developmental Scale Scores (DSS)
Fall 1988 and 1991

	Work Study - Grade 4				Work Study - Grade 7			
	1988		1991		1988		1991	
	NPR	DSS	NPR	DSS	NPR	DSS	NPR	DSS
State	55	114	**52**	**113**	52	149	**55**	**151**
Gender								
Female	56	114	**53**	**113**	56	151	**57**	**152**
Male	53	113	**51**	**112**	49	147	**53**	**150**
Race/Ethnicity								
American Indian/ Alaskan Native	40	108	**48**	**111**	41	142	**43**	**143**
Asian/Pacific Islander	61	117	**49**	**111**	60	154	**56**	**152**
Black	27	102	**32**	**104**	34	137	**37**	**139**
Hispanic	37	107	**39**	**107**	36	139	**40**	**141**
White	60	116	**57**	**115**	57	152	**60**	**153**
District Size								
Above 25,000	51	112	**50**	**112**	49	147	**55**	**150**
6,001 - 25,000	56	114	**54**	**114**	53	150	**54**	**150**
1,201 - 6,000	56	115	**52**	**113**	51	149	**56**	**151**
601 - 1,200	54	113	**53**	**113**	55	151	**54**	**150**
301 - 600	55	114	**54**	**113**	57	152	**57**	**152**
Less than 300	57	115	**54**	**114**	61	154	**63**	**155**
Finance Category								
Core City	36	106	**37**	**106**	41	142	**42**	**142**
Denver Metro	59	115	**55**	**114**	54	150	**57**	**152**
Urban/Suburban	54	114	**53**	**113**	51	149	**53**	**150**
Outlying City	58	115	**54**	**114**	56	151	**59**	**153**
Outlying Town	56	114	**51**	**112**	54	150	**57**	**152**
Rural	52	113	**51**	**112**	52	149	**54**	**150**
Recreational	65	118	**58**	**115**	57	152	**66**	**157**
Small Attendance	53	113	**58**	**115**	66	158	**62**	**155**

Average Achievement Results on the
Iowa Tests of Basic Skills, Form G
in terms of National Percentile Ranks (NPR)
and Developmental Scale Scores (DSS)
for the Work Study Skills Tests
Fall 1988 and 1991

	Visual - Grade 4				Visual - Grade 7			
	1988		1991		1988		1991	
	NPR	DSS	NPR	DSS	NPR	DSS	NPR	DSS
State	57	115	**56**	**114**	54	151	**57**	**152**
Gender								
Female	56	115	**54**	**114**	54	151	**56**	**152**
Male	57	115	**57**	**115**	54	151	**57**	**153**
Race/Ethnicity								
American Indian/ Alaskan Native	38	107	**51**	**112**	43	144	**45**	**145**
Asian/Pacific Islander	63	117	**51**	**112**	59	154	**57**	**153**
Black	26	101	**32**	**104**	32	137	**36**	**139**
Hispanic	37	107	**41**	**108**	37	140	**41**	**142**
White	62	117	**61**	**117**	59	154	**61**	**155**
District Size								
Above 25,000	52	113	**53**	**113**	50	148	**56**	**152**
6,001 - 25,000	59	116	**58**	**115**	56	152	**57**	**153**
1,201 - 6,000	58	116	**56**	**115**	53	150	**56**	**152**
601 - 1,200	53	113	**58**	**115**	56	152	**55**	**151**
301 - 600	59	116	**58**	**115**	59	154	**59**	**154**
Less than 300	58	116	**59**	**116**	61	155	**62**	**156**
Finance Category								
Core City	35	105	**38**	**107**	41	143	**42**	**143**
Denver Metro	60	116	**59**	**116**	56	152	**59**	**154**
Urban/Suburban	57	115	**57**	**115**	53	150	**55**	**151**
Outlying City	61	117	**59**	**116**	57	153	**59**	**154**
Outlying Town	56	115	**55**	**114**	57	152	**57**	**153**
Rural	55	114	**55**	**114**	53	150	**56**	**152**
Recreational	69	120	**62**	**117**	58	154	**69**	**160**
Small Attendance	54	114	**63**	**118**	70	160	**62**	**156**

Average Achievement Results on the
Iowa Tests of Basic Skills, Form G
in terms of National Percentile Ranks (NPR)
and Developmental Scale Scores (DSS)
for the Work Study Skills Tests
Fall 1988 and 1991

	Reference - Grade 4				Reference - Grade 7			
	1988		1991		1988		1991	
	NPR	DSS	NPR	DSS	NPR	DSS	NPR	DSS
State	52	113	**47**	**111**	48	147	**51**	**149**
Gender								
Female	54	114	**50**	**112**	54	151	**54**	**151**
Male	49	111	**44**	**110**	42	143	**47**	**146**
Race/Ethnicity								
American Indian/ Alaskan Native	41	108	**43**	**109**	36	139	**39**	**141**
Asian/Pacific Islander	58	115	**45**	**110**	58	154	**52**	**150**
Black	29	103	**30**	**104**	34	138	**36**	**139**
Hispanic	37	107	**36**	**106**	34	138	**37**	**140**
White	56	114	**51**	**113**	52	150	**54**	**151**
District Size								
Above 25,000	49	111	**46**	**110**	46	146	**51**	**149**
6,001 - 25,000	53	113	**49**	**112**	48	147	**49**	**148**
1,201 - 6,000	53	113	**47**	**111**	48	147	**52**	**150**
601 - 1,200	53	113	**46**	**111**	52	149	**51**	**149**
301 - 600	49	112	**49**	**112**	52	150	**52**	**150**
Less than 300	55	114	**48**	**111**	57	153	**60**	**155**
Finance Category								
Core City	36	106	**35**	**106**	38	140	**39**	**141**
Denver Metro	55	114	**50**	**112**	49	148	**52**	**150**
Urban/Suburban	51	112	**48**	**111**	47	147	**49**	**148**
Outlying City	53	113	**48**	**111**	52	150	**55**	**152**
Outlying Town	54	114	**45**	**110**	50	148	**53**	**151**
Rural	47	111	**46**	**110**	49	148	**49**	**148**
Recreational	59	116	**51**	**112**	53	151	**59**	**154**
Small Attendance	49	112	**50**	**112**	60	156	**57**	**154**

Average Achievement Results on the
Iowa Tests of Basic Skills, Form G
in terms of National Percentile Ranks (NPR)
and Developmental Scale Scores (DSS)
Fall 1988 and 1991

	Mathematics - Grade 4				Mathematics - Grade 7			
	1988		1991		1988		1991	
	NPR	DSS	NPR	DSS	NPR	DSS	NPR	DSS
State	53	113	**50**	**112**	52	148	**54**	**149**
Gender								
Female	52	113	**49**	**112**	54	149	**54**	**149**
Male	54	113	**51**	**112**	50	148	**54**	**149**
Race/Ethnicity								
American Indian/ Alaskan Native	41	109	**45**	**110**	39	143	**41**	**144**
Asian/Pacific Islander	63	116	**52**	**113**	64	154	**63**	**153**
Black	29	105	**29**	**105**	32	140	**32**	**140**
Hispanic	37	108	**38**	**108**	35	141	**38**	**142**
White	58	115	**54**	**113**	57	151	**59**	**151**
District Size								
Above 25,000	52	113	**49**	**112**	50	148	**52**	**149**
6,001 - 25,000	54	114	**51**	**112**	52	149	**54**	**149**
1,201 - 6,000	53	113	**48**	**111**	51	148	**54**	**149**
601 - 1,200	49	112	**50**	**112**	56	150	**54**	**149**
301 - 600	50	112	**49**	**112**	55	150	**55**	**150**
Less than 300	52	113	**48**	**111**	61	152	**63**	**153**
Finance Category								
Core City	41	109	**40**	**109**	42	144	**40**	**143**
Denver Metro	58	115	**53**	**113**	53	149	**56**	**150**
Urban/Suburban	51	112	**49**	**112**	50	148	**52**	**149**
Outlying City	55	114	**49**	**112**	56	150	**59**	**151**
Outlying Town	51	113	**46**	**111**	55	150	**55**	**150**
Rural	46	111	**46**	**111**	53	149	**52**	**148**
Recreational	61	116	**57**	**114**	60	152	**62**	**153**
Small Attendance	49	112	**53**	**113**	73	158	**61**	**152**

Average Achievement Results on the
Iowa Tests of Basic Skills, Form G
in terms of National Percentile Ranks (NPR)
and Developmental Scale Scores (DSS)
for the Mathematics Skills Tests
Fall 1988 and 1991

	Concepts - Grade 4				Concepts - Grade 7			
	1988		1991		1988		1991	
	NPR	DSS	NPR	DSS	NPR	DSS	NPR	DSS
State	56	115	**51**	**113**	52	149	**54**	**150**
Gender								
Female	55	115	**50**	**113**	52	150	**53**	**150**
Male	57	115	**52**	**113**	51	149	**55**	**151**
Race/Ethnicity								
American Indian/ Alaskan Native	43	110	**45**	**111**	39	143	**40**	**144**
Asian/Pacific Islander	65	118	**51**	**113**	64	155	**63**	**155**
Black	33	106	**31**	**106**	31	140	**31**	**140**
Hispanic	39	108	**38**	**108**	32	140	**35**	**142**
White	60	116	**56**	**115**	57	152	**59**	**153**
District Size								
Above 25,000	56	115	**51**	**113**	50	148	**53**	**150**
6,001 - 25,000	58	115	**52**	**113**	52	149	**55**	**151**
1,201 - 6,000	55	115	**50**	**112**	52	149	**53**	**150**
601 - 1,200	52	113	**51**	**113**	54	150	**52**	**150**
301 - 600	52	113	**50**	**113**	53	150	**56**	**151**
Less than 300	52	113	**49**	**112**	62	154	**61**	**154**
Finance Category								
Core City	45	110	**42**	**109**	40	144	**40**	**144**
Denver Metro	61	117	**54**	**114**	53	150	**56**	**151**
Urban/Suburban	54	114	**51**	**113**	51	149	**54**	**150**
Outlying City	57	115	**52**	**113**	56	152	**58**	**152**
Outlying Town	54	114	**47**	**112**	55	151	**55**	**151**
Rural	47	111	**47**	**112**	51	149	**51**	**149**
Recreational	61	117	**56**	**115**	60	153	**61**	**154**
Small Attendance	57	115	**59**	**116**	70	159	**61**	**154**

Average Achievement Results on the
Iowa Tests of Basic Skills, Form G
in terms of National Percentile Ranks (NPR)
and Developmental Scale Scores (DSS)
for the Mathematics Skills Tests
Fall 1988 and 1991

	Problem Solving-Grade 4				Problem Solving-Grade 7			
	1988		1991		1988		1991	
	NPR	DSS	NPR	DSS	NPR	DSS	NPR	DSS
State	51	113	**50**	**112**	51	149	**53**	**150**
Gender								
Female	50	112	**49**	**112**	52	149	**51**	**149**
Male	53	113	**51**	**113**	51	149	**54**	**151**
Race/Ethnicity								
American Indian/ Alaskan Native	38	107	**45**	**110**	40	143	**43**	**145**
Asian/Pacific Islander	57	115	**49**	**112**	56	151	**57**	**153**
Black	27	102	**29**	**103**	30	137	**32**	**138**
Hispanic	34	106	**38**	**107**	36	141	**38**	**142**
White	56	115	**55**	**114**	56	152	**58**	**153**
District Size								
Above 25,000	48	111	**49**	**112**	48	148	**52**	**150**
6,001 - 25,000	54	114	**53**	**113**	52	150	**53**	**150**
1,201 - 6,000	52	113	**49**	**112**	51	149	**54**	**150**
601 - 1,200	49	112	**50**	**112**	56	152	**52**	**149**
301 - 600	50	113	**50**	**112**	54	151	**55**	**151**
Less than 300	52	113	**47**	**111**	56	152	**60**	**154**
Finance Category								
Core City	37	107	**39**	**108**	40	143	**40**	**143**
Denver Metro	56	114	**54**	**114**	53	150	**55**	**151**
Urban/Suburban	50	112	**50**	**112**	50	149	**52**	**149**
Outlying City	56	114	**51**	**113**	55	151	**57**	**152**
Outlying Town	51	112	**46**	**111**	53	150	**53**	**150**
Rural	46	111	**47**	**111**	52	150	**53**	**150**
Recreational	63	118	**59**	**116**	59	153	**63**	**155**
Small Attendance	42	109	**52**	**113**	64	155	**55**	**151**

Average Achievement Results on the
Iowa Tests of Basic Skills, Form G
in terms of National Percentile Ranks (NPR)
and Developmental Scale Scores (DSS)
for the Mathematics Skills Tests
Fall 1988 and 1991

	Computation - Grade 4				Computation - Grade 7			
	1988		1991		1988		1991	
	NPR	DSS	NPR	DSS	NPR	DSS	NPR	DSS
State	47	112	43	111	44	147	44	147
Gender								
Female	48	112	43	111	50	149	48	148
Male	47	112	43	111	39	144	41	146
Race/Ethnicity								
American Indian/ Alaskan Native	37	109	39	110	32	142	34	143
Asian/Pacific Islander	62	116	53	113	62	154	55	151
Black	30	107	29	107	32	142	29	141
Hispanic	37	109	37	109	34	143	34	143
White	50	113	45	111	47	148	48	148
District Size								
Above 25,000	48	112	43	111	44	147	43	146
6,001 - 25,000	47	112	44	111	43	146	44	147
1,201 - 6,000	47	112	41	110	43	146	47	148
601 - 1,200	42	111	44	111	49	149	49	149
301 - 600	42	111	44	111	48	148	42	146
Less than 300	50	113	43	111	54	151	55	151
Finance Category								
Core City	39	110	38	110	41	146	33	142
Denver Metro	52	113	46	112	45	147	46	148
Urban/Suburban	44	111	42	111	42	146	42	146
Outlying City	46	112	41	110	46	147	50	149
Outlying Town	45	111	38	110	47	148	48	148
Rural	40	110	41	110	45	147	43	146
Recreational	50	113	49	112	48	149	50	149
Small Attendance	45	112	43	111	74	160	55	151

Percent of Colorado Students
in the Upper Decile (90th - 99th Percentiles)
on the Iowa Tests of Basic Skills, Form G
Fall 1988 and 1991

	Vocabulary - Grade 4		Vocabulary - Grade 7	
	1988	1991	1988	1991
State	11.4%	9.7%	11.2%	11.0%
Gender				
Female	10.8%	9.8%	10.0%	9.7%
Male	12.1%	9.5%	12.2%	12.2%
Race/Ethnicity				
American Indian/ Alaskan Native	7.3%	7.2%	7.3%	6.3%
Asian/Pacific Islander	11.2%	5.4%	6.2%	12.5%
Black	2.5%	2.2%	3.4%	4.3%
Hispanic	3.1%	4.0%	3.3%	3.9%
White	13.6%	11.8%	13.5%	13.0%
District Size				
Above 25,000	9.6%	9.3%	9.7%	11.6%
6,001 - 25,000	12.6%	10.9%	11.8%	10.7%
1,201 - 6,000	11.0%	8.6%	11.6%	10.8%
601 - 1,200	11.7%	9.5%	12.2%	7.7%
301 - 600	11.2%	7.9%	8.8%	9.9%
Less than 300	12.4%	8.1%	12.6%	12.3%
Finance Category				
Core City	5.8%	5.8%	6.4%	8.6%
Denver Metro	12.3%	10.5%	11.8%	11.7%
Urban/Suburban	11.9%	10.5%	11.0%	10.7%
Outlying City	12.9%	8.8%	12.3%	11.9%
Outlying Town	11.1%	7.7%	12.7%	10.2%
Rural	9.1%	6.6%	9.0%	9.4%
Recreational	13.9%	15.2%	12.8%	12.4%
Small Attendance	11.1%	12.5%	22.0%	9.7%

Percent of Colorado Students
in the Upper Decile (90th - 99th Percentiles)
on the Iowa Tests of Basic Skills, Form G
Fall 1988 and 1991

	Reading - Grade 4		Reading - Grade 7	
	1988	1991	1988	1991
State	12.0%	11.0%	11.6%	12.9%
Gender				
Female	12.0%	11.1%	12.4%	13.7%
Male	12.1%	10.9%	10.8%	12.0%
Race/Ethnicity				
American Indian/ Alaskan Native	8.2%	6.7%	5.9%	7.3%
Asian/Pacific Islander	10.4%	7.7%	12.8%	16.1%
Black	3.4%	2.0%	3.2%	5.1%
Hispanic	3.0%	4.5%	3.2%	4.3%
White	14.4%	13.5%	13.9%	15.3%
District Size				
Above 25,000	10.1%	10.6%	11.0%	13.2%
6,001 - 25,000	13.2%	12.3%	11.8%	12.5%
1,201 - 6,000	11.5%	9.9%	11.2%	12.7%
601 - 1,200	14.0%	10.1%	13.4%	9.9%
301 - 600	9.9%	10.8%	11.1%	14.6%
Less than 300	13.5%	9.3%	13.7%	17.5%
Finance Category				
Core City	6.8%	6.3%	7.1%	9.9%
Denver Metro	13.3%	12.0%	12.4%	13.9%
Urban/Suburban	11.8%	11.8%	10.9%	12.0%
Outlying City	13.1%	10.5%	12.3%	12.8%
Outlying Town	11.9%	9.7%	12.3%	11.4%
Rural	9.5%	9.5%	11.1%	13.6%
Recreational	18.2%	15.2%	17.9%	17.7%
Small Attendance	8.3%	9.7%	19.5%	14.5%

Percent of Colorado Students
in the Upper Decile (90th - 99th Percentiles)
on the Iowa Tests of Basic Skills, Form G
Fall 1988 and 1991

	Language - Grade 4		Language - Grade 7	
	1988	1991	1988	1991
State	8.6%	7.8%	8.9%	9.5%
Gender				
Female	10.4%	9.5%	11.3%	12.4%
Male	6.8%	6.2%	6.5%	6.8%
Race/Ethnicity				
American Indian/ Alaskan Native	6.6%	6.7%	3.0%	4.5%
Asian/Pacific Islander	12.4%	8.8%	16.0%	14.2%
Black	1.3%	2.2%	3.2%	3.7%
Hispanic	2.8%	3.4%	2.9%	3.4%
White	10.1%	9.2%	10.4%	11.2%
District Size				
Above 25,000	9.2%	8.5%	8.5%	10.7%
6,001 - 25,000	9.1%	8.6%	8.9%	9.1%
1,201 - 6,000	7.8%	6.3%	9.6%	9.0%
601 - 1,200	6.9%	4.2%	9.7%	6.2%
301 - 600	4.3%	5.2%	5.7%	7.6%
Less than 300	10.9%	4.6%	8.6%	10.9%
Finance Category				
Core City	5.0%	6.2%	6.0%	9.7%
Denver Metro	10.8%	9.6%	9.7%	10.5%
Urban/Suburban	7.7%	7.5%	8.4%	8.7%
Outlying City	9.6%	7.3%	12.6%	10.3%
Outlying Town	5.1%	4.1%	7.2%	6.2%
Rural	6.4%	4.4%	6.7%	7.8%
Recreational	11.6%	7.9%	12.3%	13.8%
Small Attendance	13.9%	6.9%	12.2%	8.1%

Percent of Colorado Students
in the Upper Decile (90th - 99th Percentiles)
on the Iowa Tests of Basic Skills, Form G
Fall 1988 and 1991

	Work Study - Grade 4		Work Study - Grade 7	
	1988	1991	1988	1991
State	12.0%	10.8%	10.8%	11.2%
Gender				
Female	10.8%	9.9%	10.8%	10.6%
Male	13.2%	11.6%	10.8%	11.8%
Race/Ethnicity				
American Indian/ Alaskan Native	6.6%	9.2%	3.4%	4.3%
Asian/Pacific Islander	16.8%	7.0%	16.5%	12.8%
Black	2.6%	1.0%	2.7%	2.6%
Hispanic	3.7%	4.6%	3.1%	3.3%
White	14.1%	13.1%	12.9%	13.6%
District Size				
Above 25,000	11.3%	10.9%	9.8%	12.4%
6,001 - 25,000	13.2%	11.2%	10.9%	10.4%
1,201 - 6,000	10.9%	10.1%	11.2%	11.4%
601 - 1,200	11.1%	10.3%	12.7%	9.3%
301 - 600	9.9%	9.6%	10.4%	9.0%
Less than 300	9.7%	10.3%	12.6%	12.3%
Finance Category				
Core City	6.0%	6.1%	6.8%	8.0%
Denver Metro	14.3%	12.6%	11.0%	12.3%
Urban/Suburban	11.5%	10.7%	10.6%	10.2%
Outlying City	11.4%	9.5%	13.9%	14.1%
Outlying Town	10.3%	9.3%	11.5%	10.8%
Rural	9.3%	8.3%	9.3%	8.9%
Recreational	16.0%	13.2%	17.5%	14.7%
Small Attendance	8.3%	12.5%	14.6%	9.7%

Percent of Colorado Students
in the Upper Decile (90th - 99th Percentiles)
on the Iowa Tests of Basic Skills, Form G
Fall 1988 and 1991

	Mathematics-Grade 4		Mathematics-Grade 7	
	1988	1991	1988	1991
State	10.2%	8.8%	11.0%	11.0%
Gender				
Female	9.1%	7.5%	10.3%	9.7%
Male	11.4%	10.0%	11.7%	12.2%
Race/Ethnicity				
American Indian/ Alaskan Native	4.7%	8.6%	4.9%	5.0%
Asian/Pacific Islander	15.5%	10.3%	18.3%	18.6%
Black	1.4%	2.0%	3.5%	3.5%
Hispanic	3.3%	3.8%	3.3%	3.5%
White	12.0%	10.4%	13.0%	13.0%
District Size				
Above 25,000	10.7%	9.9%	11.8%	11.9%
6,001 - 25,000	11.6%	8.8	10.2%	11.0%
1,201 - 6,000	8.3%	6.9%	10.9%	9.1%
601 - 1,200	7.5%	9.2%	13.9%	9.0%
301 - 600	4.1%	6.9%	9.5%	10.8%
Less than 300	6.5%	6.4%	13.7%	11.8%
Finance Category				
Core City	5.5%	7.1%	9.8%	10.1%
Denver Metro	13.7%	11.0%	10.8%	12.3%
Urban/Suburban	9.0%	7.5%	10.3%	9.8%
Outlying City	8.3%	7.7%	12.7%	10.8%
Outlying Town	6.8%	5.9%	13.6%	9.5%
Rural	4.6%	6.6%	8.8%	10.4%
Recreational	10.4%	12.0%	14.1%	11.5%
Small Attendance	11.1%	8.3%	26.8%	8.1%

Percent of Colorado Students
in the Upper Quartile (75th - 99th Percentiles)
on the Iowa Tests of Basic Skills, Form G
Fall 1988 and 1991

	Vocabulary - Grade 4		Vocabulary - Grade 7	
	1988	1991	1988	1991
State	27.1%	25.5%	26.5%	26.4%
Gender				
Female	26.2%	25.4%	24.7%	24.4%
Male	28.0%	25.6%	28.2%	28.3%
Race/Ethnicity				
American Indian/ Alaskan Native	11.8%	19.1%	20.0%	18.7%
Asian/Pacific Islander	24.1%	17.4%	20.4%	27.8%
Black	7.2%	8.3%	13.3%	13.5%
Hispanic	9.5%	11.7%	10.4%	10.9%
White	31.9%	30.4%	30.9%	30.7%
District Size				
Above 25,000	23.8%	23.7%	22.5%	27.5%
6,001 - 25,000	29.1%	27.8%	28.4%	26.2%
1,201 - 6,000	27.0%	25.2%	26.8%	26.0%
601 - 1,200	27.9%	24.3%	28.0%	20.5%
301 - 600	24.9%	24.9%	23.9%	24.2%
Less than 300	29.2%	24.2%	28.0%	26.5%
Finance Category				
Core City	15.3%	15.2%	14.1%	18.3%
Denver Metro	29.4%	27.1%	28.4%	29.0%
Urban/Suburban	27.0%	27.2%	26.5%	25.0%
Outlying City	27.7%	27.7%	26.6%	28.6%
Outlying Town	27.8%	22.5%	28.8%	25.3%
Rural	25.2%	23.3%	22.7%	22.1%
Recreational	34.5%	31.1%	33.3%	31.4%
Small Attendance	13.9%	23.6%	34.1%	16.1%

Percent of Colorado Students
in the Upper Quartile (75th - 99th Percentiles)
on the Iowa Tests of Basic Skills, Form G
Fall 1988 and 1991

	Reading - Grade 4		Reading - Grade 7	
	1988	1991	1988	1991
State	30.7%	**26.5%**	30.0%	**32.6%**
Gender				
Female	32.2%	**27.8%**	33.6%	**34.7%**
Male	29.3%	**25.3%**	26.6%	**30.7%**
Race/Ethnicity				
American Indian/ Alaskan Native	24.5%	**21.5%**	17.1%	**18.3%**
Asian/Pacific Islander	32.0%	**19.2%**	35.0%	**34.5%**
Black	9.7%	**7.7%**	13.3%	**12.1%**
Hispanic	11.9%	**13.4%**	13.6%	**14.9%**
White	35.7%	**31.4%**	34.7%	**38.2%**
District Size				
Above 25,000	26.6%	**24.8%**	27.4%	**32.3%**
6,001 - 25,000	33.2%	**28.7%**	31.4%	**33.1%**
1,201 - 6,000	30.2%	**26.7%**	28.4%	**31.9%**
601 - 1,200	33.5%	**26.0%**	33.4%	**29.6%**
301 - 600	29.9%	**24.6%**	32.9%	**34.9%**
Less than 300	30.8%	**25.3%**	37.1%	**39.3%**
Finance Category				
Core City	15.4%	**15.4%**	17.1%	**20.7%**
Denver Metro	32.9%	**28.4%**	32.3%	**35.3%**
Urban/Suburban	31.8%	**27.7%**	29.4%	**31.1%**
Outlying City	30.9%	**27.5%**	30.9%	**30.9%**
Outlying Town	32.4%	**25.8%**	30.5%	**32.7%**
Rural	29.6%	**23.8%**	29.5%	**31.1%**
Recreational	37.6%	**34.6%**	45.5%	**49.4%**
Small Attendance	22.2%	**26.4%**	43.9%	**33.9%**

Percent of Colorado Students
in the Upper Quartile (75th - 99th Percentiles)
on the Iowa Tests of Basic Skills, Form G
Fall 1988 and 1991

	Language - Grade 4		Language - Grade 7	
	1988	1991	1988	1991
State	22.8%	**20.6%**	23.6%	**25.2%**
Gender				
Female	26.9%	**24.8%**	29.6%	**30.3%**
Male	18.7%	**16.7%**	17.6%	**20.4%**
Race/Ethnicity				
American Indian/ Alaskan Native	14.2%	**18.7%**	13.4%	**15.4%**
Asian/Pacific Islander	29.0%	**21.0%**	37.8%	**31.6%**
Black	4.7%	**7.3%**	10.7%	**10.9%**
Hispanic	9.8%	**10.3%**	9.6%	**11.0%**
White	26.3%	**24.0%**	27.1%	**29.3%**
District Size				
Above 25,000	23.4%	**22.0%**	23.5%	**27.2%**
6,001 - 25,000	23.8%	**21.3%**	23.3%	**24.3%**
1,201 - 6,000	21.5%	**18.2%**	24.2%	**23.9%**
601 - 1,200	21.1%	**17.2%**	26.1%	**20.3%**
301 - 600	14.5%	**17.0%**	19.2%	**24.1%**
Less than 300	20.7%	**15.6%**	26.9%	**28.4%**
Finance Category				
Core City	14.7%	**15.3%**	16.6%	**20.2%**
Denver Metro	26.9%	**23.8%**	25.3%	**27.4%**
Urban/Suburban	21.4%	**20.1%**	22.7%	**23.9%**
Outlying City	23.7%	**20.8%**	27.5%	**24.5%**
Outlying Town	17.5%	**15.3%**	23.2%	**20.1%**
Rural	16.7%	**15.6%**	19.1%	**22.4%**
Recreational	29.9%	**23.2%**	28.4%	**40.0%**
Small Attendance	19.4%	**16.7%**	29.3%	**27.4%**

Percent of Colorado Students
in the Upper Quartile (75th - 99th Percentiles)
on the Iowa Tests of Basic Skills, Form G
Fall 1988 and 1991

	Work Study - Grade 4		Work Study - Grade 7	
	1988	1991	1988	1991
State	26.4%	**23.2%**	28.6%	**29.5%**
Gender				
Female	26.8%	**22.9%**	31.2%	**30.5%**
Male	25.9%	**23.5%**	26.1%	**28.5%**
Race/Ethnicity				
American Indian/ Alaskan Native	17.0%	**18.9%**	17.7%	**15.9%**
Asian/Pacific Islander	29.8%	**18.1%**	38.4%	**31.6%**
Black	6.1%	**5.9%**	12.1%	**11.5%**
Hispanic	10.8%	**12.0%**	11.2%	**12.8%**
White	30.6%	**27.4%**	33.2%	**34.4%**
District Size				
Above 25,000	24.3%	**22.0%**	26.6%	**30.4%**
6,001 - 25,000	28.0%	**24.1%**	28.7%	**28.9%**
1,201 - 6,000	25.6%	**23.3%**	28.7%	**28.5%**
601 - 1,200	27.8%	**24.4%**	33.5%	**25.1%**
301 - 600	22.3%	**25.4%**	32.9%	**30.8%**
Less than 300	26.5%	**24.4%**	35.4%	**40.3%**
Finance Category				
Core City	14.2%	**13.9%**	18.6%	**20.5%**
Denver Metro	30.2%	**25.4%**	29.4%	**31.3%**
Urban/Suburban	25.1%	**23.1%**	28.4%	**28.2%**
Outlying City	25.2%	**24.8%**	32.5%	**30.8%**
Outlying Town	26.5%	**21.8%**	30.3%	**28.7%**
Rural	20.9%	**22.8%**	28.2%	**27.5%**
Recreational	38.9%	**30.2%**	39.6%	**44.4%**
Small Attendance	25.0%	**20.8%**	41.5%	**40.3%**

Percent of Colorado Students
in the Upper Quartile (75th - 99th Percentiles)
on the Iowa Tests of Basic Skills, Form G
Fall 1988 and 1991

	Mathematics-Grade 4		Mathematics-Grade 7	
	1988	1991	1988	1991
State	24.7%	**20.9%**	26.3%	**28.0%**
Gender				
Female	23.3%	**19.7%**	27.1%	**27.1%**
Male	26.1%	**22.1%**	25.6%	**28.9%**
Race/Ethnicity				
American Indian/ Alaskan Native	17.9%	**21.0%**	15.1%	**14.6%**
Asian/Pacific Islander	36.6%	**22.6%**	38.4%	**32.0%**
Black	7.2%	**6.3%**	10.2%	**10.2%**
Hispanic	10.7%	**11.0%**	11.0%	**12.9%**
White	28.2%	**24.3%**	30.4%	**32.7%**
District Size				
Above 25,000	25.9%	**21.5%**	25.9%	**27.7%**
6,001 - 25,000	25.8%	**21.5%**	26.1%	**29.1%**
1,201 - 6,000	22.7%	**19.2%**	26.1%	**25.7%**
601 - 1,200	21.4%	**21.4%**	28.2%	**25.5%**
301 - 600	17.7%	**18.7%**	27.1%	**29.5%**
Less than 300	21.1%	**17.0%**	34.3%	**36.5%**
Finance Category				
Core City	17.1%	**16.1%**	18.3%	**20.4%**
Denver Metro	29.7%	**23.7%**	28.0%	**29.9%**
Urban/Suburban	22.0%	**20.2%**	24.9%	**26.9%**
Outlying City	23.4%	**20.0%**	28.6%	**28.8%**
Outlying Town	21.9%	**16.5%**	28.1%	**26.6%**
Rural	15.2%	**16.1%**	22.0%	**27.9%**
Recreational	32.9%	**30.7%**	35.3%	**34.4%**
Small Attendance	16.7%	**22.2%**	58.5%	**32.3%**

Percent of Colorado Students
in the Lower Quartile (1st - 24th Percentiles)
on the Iowa Tests of Basic Skills, Form G
Fall 1988 and 1991

	Vocabulary - Grade 4 1988	Vocabulary - Grade 4 1991	Vocabulary - Grade 7 1988	Vocabulary - Grade 7 1991
State	20.5%	**21.9%**	16.1%	**17.1%**
Gender				
Female	20.2%	**20.6%**	16.5%	**16.9%**
Male	20.8%	**23.1%**	15.8%	**17.2%**
Race/Ethnicity				
American Indian/ Alaskan Native	25.5%	**30.6%**	19.0%	**23.8%**
Asian/Pacific Islander	20.7%	**29.4%**	20.8%	**18.8%**
Black	44.6%	**37.2%**	31.8%	**32.3%**
Hispanic	40.2%	**37.3%**	31.9%	**34.9%**
White	15.2%	**16.6%**	11.7%	**12.0%**
District Size				
Above 25,000	24.2%	**24.3%**	20.7%	**18.4%**
6,001 - 25,000	19.4%	**19.3%**	13.9%	**16.4%**
1,201 - 6,000	18.5%	**22.1%**	16.2%	**15.8%**
601 - 1,200	19.2%	**23.1%**	14.8%	**18.8%**
301 - 600	19.3%	**19.2%**	16.7%	**14.9%**
Less than 300	21.1%	**19.9%**	10.3%	**10.9%**
Finance Category				
Core City	38.0%	**39.9%**	33.1%	**34.7%**
Denver Metro	17.7%	**18.9%**	13.4%	**14.2%**
Urban/Suburban	20.5%	**19.3%**	16.3%	**17.7%**
Outlying City	17.9%	**20.2%**	16.3%	**15.9%**
Outlying Town	18.4%	**23.8%**	13.6%	**15.3%**
Rural	22.1%	**25.4%**	15.8%	**17.6%**
Recreational	12.7%	**18.0%**	13.5%	**8.7%**
Small Attendance	27.8%	**12.5%**	7.3%	**12.9%**

Percent of Colorado Students
in the Lower Quartile (1st - 24th Percentiles)
on the Iowa Tests of Basic Skills, Form G
Fall 1988 and 1991

	Reading - Grade 4		Reading - Grade 7	
	1988	1991	1988	1991
State	18.1%	**21.7%**	21.7%	**19.8%**
Gender				
Female	15.1%	**18.5%**	17.2%	**16.1%**
Male	21.1%	**24.6%**	26.0%	**23.4%**
Race/Ethnicity				
American Indian/ Alaskan Native	22.7%	**25.4%**	30.2%	**25.6%**
Asian/Pacific Islander	13.7%	**23.8%**	16.8%	**20.4%**
Black	42.8%	**41.4%**	40.6%	**37.0%**
Hispanic	33.4%	**33.1%**	36.6%	**34.7%**
White	13.8%	**17.3%**	17.3%	**15.3%**
District Size				
Above 25,000	23.7%	**25.0%**	26.3%	**22.1%**
6,001 - 25,000	16.6%	**19.1%**	19.7%	**19.4%**
1,201 - 6,000	15.7%	**20.3%**	22.5%	**17.7%**
601 - 1,200	14.5%	**22.5%**	17.6%	**14.8%**
301 - 600	14.0%	**15.5%**	20.6%	**18.3%**
Less than 300	13.5%	**22.4%**	10.9%	**10.0%**
Finance Category				
Core City	38.0%	**37.7%**	35.8%	**38.6%**
Denver Metro	16.6%	**19.1%**	19.2%	**17.4%**
Urban/Suburban	17.1%	**20.5%**	23.2%	**20.8%**
Outlying City	14.5%	**17.2%**	22.0%	**18.6%**
Outlying Town	13.2%	**21.7%**	16.7%	**14.4%**
Rural	15.9%	**21.1%**	21.4%	**19.8%**
Recreational	14.5%	**19.4%**	16.0%	**8.7%**
Small Attendance	16.7%	**22.2%**	4.9%	**16.1%**

Percent of Colorado Students
in the Lower Quartile (1st - 24th Percentiles)
on the Iowa Tests of Basic Skills, Form G
Fall 1988 and 1991

	Language - Grade 4		Language - Grade 7	
	1988	1991	1988	1991
State	23.3%	**26.6%**	24.4%	**20.8%**
Gender				
Female	18.4%	**21.6%**	16.8%	**14.9%**
Male	28.1%	**31.3%**	32.0%	**26.4%**
Race/Ethnicity				
American Indian/ Alaskan Native	37.7%	**37.3%**	31.7%	**28.2%**
Asian/Pacific Islander	14.1%	**24.1%**	14.2%	**15.4%**
Black	44.6%	**45.7%**	40.6%	**38.1%**
Hispanic	38.8%	**40.1%**	39.0%	**35.4%**
White	19.1%	**21.9%**	20.5%	**16.4%**
District Size				
Above 25,000	25.8%	**27.9%**	27.5%	**21.6%**
6,001 - 25,000	22.4%	**25.2%**	22.7%	**20.9%**
1,201 - 6,000	22.1%	**26.6%**	25.5%	**19.2%**
601 - 1,200	21.7%	**28.7%**	23.3%	**22.2%**
301 - 600	23.6%	**23.4%**	26.1%	**20.4%**
Less than 300	21.2%	**23.6%**	14.9%	**12.3%**
Finance Category				
Core City	38.9%	**42.6%**	36.2%	**37.0%**
Denver Metro	20.4%	**23.1%**	21.6%	**17.7%**
Urban/Suburban	24.1%	**26.0%**	26.0%	**22.5%**
Outlying City	18.8%	**23.2%**	20.3%	**17.7%**
Outlying Town	22.1%	**27.9%**	24.8%	**18.7%**
Rural	26.2%	**29.3%**	25.3%	**21.6%**
Recreational	12.8%	**23.2%**	21.9%	**14.1%**
Small Attendance	27.8%	**19.4%**	9.8%	**16.1%**

Percent of Colorado Students
in the Lower Quartile (1st - 24th Percentiles)
on the Iowa Tests of Basic Skills, Form G
Fall 1988 and 1991

	Work Study - Grade 4 1988	Work Study - Grade 4 1991	Work Study - Grade 7 1988	Work Study - Grade 7 1991
State	20.3%	**22.8%**	21.1%	**17.5%**
Gender				
Female	17.3%	**20.6%**	16.9%	**14.6%**
Male	23.4%	**24.9%**	25.2%	**20.4%**
Race/Ethnicity				
American Indian/ Alaskan Native	37.7%	**26.7%**	30.0%	**25.2%**
Asian/Pacific Islander	15.1%	**25.3%**	15.6%	**17.9%**
Black	49.0%	**43.8%**	39.1%	**35.4%**
Hispanic	34.7%	**34.1%**	36.2%	**30.9%**
White	15.8%	**18.5%**	16.8%	**13.4%**
District Size				
Above 25,000	25.3%	**26.0%**	24.1%	**19.3%**
6,001 - 25,000	19.0%	**20.4%**	20.0%	**17.8%**
1,201 - 6,000	16.8%	**22.1%**	22.5%	**15.7%**
601 - 1,200	21.9%	**20.6%**	18.5%	**14.2%**
301 - 600	17.0%	**18.5%**	13.0%	**13.6%**
Less than 300	14.6%	**21.4%**	12.6%	**8.1%**
Finance Category				
Core City	40.5%	**40.5%**	33.5%	**34.6%**
Denver Metro	17.5%	**20.7%**	19.4%	**15.3%**
Urban/Suburban	20.1%	**20.6%**	22.1%	**18.8%**
Outlying City	16.1%	**19.3%**	16.9%	**13.9%**
Outlying Town	17.5%	**22.9%**	18.2%	**14.2%**
Rural	20.7%	**23.0%**	20.2%	**14.6%**
Recreational	14.8%	**18.1%**	20.8%	**7.5%**
Small Attendance	16.7%	**15.3%**	9.8%	**11.3%**

Percent of Colorado Students
in the Lower Quartile (1st - 24th Percentiles)
on the Iowa Tests of Basic Skills, Form G
Fall 1988 and 1991

	Mathematics-Grade 4		Mathematics-Grade 7	
	1988	1991	1988	1991
State	24.5%	**27.0%**	25.0%	**22.8%**
Gender				
Female	23.8%	**26.5%**	21.6%	**21.3%**
Male	25.1%	**27.4%**	28.3%	**24.2%**
Race/Ethnicity				
American Indian/ Alaskan Native	35.8%	**35.7%**	34.6%	**33.2%**
Asian/Pacific Islander	16.8%	**25.4%**	17.4%	**18.2%**
Black	51.4%	**49.4%**	46.6%	**48.2%**
Hispanic	40.4%	**37.9%**	40.5%	**35.9%**
White	19.8%	**22.7%**	20.4%	**18.0%**
District Size				
Above 25,000	27.0%	**29.1%**	28.1%	**25.4%**
6,001 - 25,000	23.3%	**24.7%**	24.4%	**22.6%**
1,201 - 6,000	23.0%	**27.4%**	25.0%	**18.7%**
601 - 1,200	29.3%	**27.6%**	21.8%	**20.2%**
301 - 600	22.0%	**23.6%**	19.6%	**22.2%**
Less than 300	19.5%	**26.0%**	13.7%	**13.7%**
Finance Category				
Core City	40.0%	**40.2%**	35.6%	**40.8%**
Denver Metro	20.9%	**23.3%**	23.3%	**21.2%**
Urban/Suburban	25.5%	**27.1%**	27.1%	**23.3%**
Outlying City	20.5%	**25.1%**	20.8%	**15.0%**
Outlying Town	24.3%	**30.8%**	22.6%	**18.5%**
Rural	28.6%	**27.1%**	19.9%	**23.2%**
Recreational	15.2%	**21.2%**	19.9%	**14.2%**
Small Attendance	27.8%	**20.8%**	9.8%	**14.5%**

Percent of Colorado Students
in the Bottom Decile (1st - 9th Percentiles)
on the Iowa Tests of Basic Skills, Form G
Fall 1988 and 1991

	Vocabulary - Grade 4		Vocabulary - Grade 7	
	1988	1991	1988	1991
State	6.5%	7.6%	5.9%	6.0%
Gender				
Female	5.9%	6.9%	5.7%	6.0%
Male	7.1%	8.3%	6.0%	6.1%
Race/Ethnicity				
American Indian/ Alaskan Native	6.4%	11.5%	5.9%	10.2%
Asian/Pacific Islander	8.7%	9.7%	7.5%	7.1%
Black	17.1%	13.8%	15.3%	13.3%
Hispanic	13.4%	13.3%	13.9%	13.2%
White	4.4%	5.6%	3.6%	3.8%
District Size				
Above 25,000	8.3%	9.0%	8.0%	7.0%
6,001 - 25,000	6.1%	6.6%	4.7%	5.7%
1,201 - 6,000	5.1%	7.1%	6.1%	4.9%
601 - 1,200	6.2%	8.0%	6.1%	6.0%
301 - 600	5.1%	4.4%	5.0%	5.4%
Less than 300	4.9%	7.2%	3.4%	3.3%
Finance Category				
Core City	14.3%	15.8%	16.0%	14.0%
Denver Metro	5.5%	6.3%	4.0%	4.8%
Urban/Suburban	6.5%	6.8%	6.0%	6.4%
Outlying City	4.3%	6.8%	5.5%	5.0%
Outlying Town	5.4%	7.1%	6.0%	4.5%
Rural	6.2%	8.7%	4.7%	6.4%
Recreational	4.8%	6.4%	3.2%	1.9%
Small Attendance	2.8%	2.8%	2.4%	3.2%

Percent of Colorado Students
in the Bottom Decile (1st - 9th Percentiles)
on the Iowa Tests of Basic Skills, Form G
Fall 1988 and 1991

	Reading - Grade 4		Reading - Grade 7	
	1988	1991	1988	1991
State	6.1%	8.2%	8.2%	7.3%
Gender				
Female	4.8%	6.3%	5.8%	5.3%
Male	7.4%	9.9%	10.5%	9.3%
Race/Ethnicity				
American Indian/ Alaskan Native	9.1%	8.6%	15.6%	8.2%
Asian/Pacific Islander	4.6%	7.4%	5.8%	9.8%
Black	14.9%	17.3%	16.9%	14.9%
Hispanic	12.1%	13.0%	15.7%	13.8%
White	4.5%	6.3%	5.9%	5.4%
District Size				
Above 25,000	8.4%	9.9%	10.6%	8.8%
6,001 - 25,000	5.6%	6.9%	7.2%	7.1%
1,201 - 6,000	5.0%	7.2%	8.9%	5.7%
601 - 1,200	4.3%	8.3%	4.1%	5.5%
301 - 600	3.6%	5.4%	7.3%	5.1%
Less than 300	5.9%	9.3%	3.4%	4.3%
Finance Category				
Core City	13.9%	15.4%	14.4%	17.2%
Denver Metro	5.5%	7.3%	7.4%	6.3%
Urban/Suburban	5.7%	7.3%	8.7%	7.6%
Outlying City	4.9%	6.1%	8.1%	7.2%
Outlying Town	4.3%	8.4%	5.1%	3.9%
Rural	4.4%	7.6%	6.7%	7.1%
Recreational	3.0%	6.7%	9.0%	2.2%
Small Attendance	8.3%	8.3%	0.0%	6.5%

Percent of Colorado Students
in the Bottom Decile (1st - 9th Percentiles)
on the Iowa Tests of Basic Skills, Form G
Fall 1988 and 1991

	Language - Grade 4		Language - Grade 7	
	1988	1991	1988	1991
State	9.3%	11.2%	9.1%	7.3%
Gender				
Female	6.6%	8.4%	5.2%	4.5%
Male	11.9%	13.8%	13.0%	10.1%
Race/Ethnicity				
American Indian/ Alaskan Native	14.2%	14.8%	15.3%	13.8%
Asian/Pacific Islander	5.0%	8.3%	5.3%	7.1%
Black	21.2%	21.7%	18.6%	12.5%
Hispanic	17.1%	19.2%	14.9%	14.6%
White	7.1%	8.6%	7.3%	5.3%
District Size				
Above 25,000	11.5%	12.9%	11.3%	8.4%
6,001 - 25,000	8.8%	9.7%	8.0%	7.2%
1,201 - 6,000	7.7%	10.7%	9.5%	5.8%
601 - 1,200	7.9%	11.0%	7.5%	6.4%
301 - 600	7.1%	8.9%	10.4%	7.4%
Less than 300	8.2%	12.2%	5.7%	1.9%
Finance Category				
Core City	20.0%	22.1%	17.1%	16.3%
Denver Metro	7.9%	9.6%	7.3%	6.2%
Urban/Suburban	9.3%	9.9%	10.0%	7.7%
Outlying City	5.9%	9.3%	7.6%	5.6%
Outlying Town	8.1%	10.8%	8.1%	6.0%
Rural	8.8%	11.6%	10.8%	6.8%
Recreational	3.7%	11.4%	7.1%	3.1%
Small Attendance	16.7%	11.1%	4.9%	3.2%

Percent of Colorado Students
in the Bottom Decile (1st - 9th Percentiles)
on the Iowa Tests of Basic Skills, Form G
Fall 1988 and 1991

	Work Study - Grade 4		Work Study - Grade 7	
	1988	1991	1988	1991
State	7.4%	6.8%	7.9%	6.0%
Gender				
Female	5.9%	5.6%	5.7%	4.8%
Male	8.8%	8.0%	10.2%	7.0%
Race/Ethnicity				
American Indian/ Alaskan Native	15.1%	5.8%	11.8%	8.6%
Asian/Pacific Islander	4.6%	7.8%	4.9%	7.3%
Black	21.7%	15.4%	18.3%	13.7%
Hispanic	13.5%	11.9%	14.8%	10.5%
White	5.3%	5.0%	5.9%	4.4%
District Size				
Above 25,000	10.7%	8.9%	9.6%	6.9%
6,001 - 25,000	6.5%	5.4%	7.4%	6.0%
1,201 - 6,000	5.1%	6.0%	8.6%	4.9%
601 - 1,200	8.2%	5.1%	6.2%	4.2%
301 - 600	4.1%	4.9%	3.8%	4.2%
Less than 300	4.9%	6.8%	2.9%	3.3%
Finance Category				
Core City	19.8%	15.8%	15.0%	14.5%
Denver Metro	5.8%	5.9%	7.0%	4.9%
Urban/Suburban	7.0%	5.6%	8.4%	6.4%
Outlying City	3.8%	5.9%	6.9%	4.7%
Outlying Town	7.2%	6.1%	5.7%	3.7%
Rural	6.4%	6.2%	6.7%	4.9%
Recreational	1.9%	7.1%	8.4%	1.9%
Small Attendance	2.8%	2.8%	0.0%	8.1%

Percent of Colorado Students
in the Bottom Decile (1st - 9th Percentiles)
on the Iowa Tests of Basic Skills, Form G
Fall 1988 and 1991

	Mathematics-Grade 4		Mathematics-Grade 7	
	1988	1991	1988	1991
State	8.2%	9.9%	8.5%	7.3%
Gender				
Female	8.3%	9.7%	6.8%	6.8%
Male	8.2%	10.2%	10.1%	7.8%
Race/Ethnicity				
American Indian/ Alaskan Native	16.0%	11.0%	14.1%	13.0%
Asian/Pacific Islander	6.3%	7.5%	4.0%	5.5%
Black	24.2%	21.9%	19.0%	15.9%
Hispanic	14.7%	16.3%	14.2%	13.0%
White	6.0%	7.7%	6.7%	5.4%
District Size				
Above 25,000	10.6%	11.1%	10.7%	8.7%
6,001 - 25,000	8.1%	9.0%	7.8%	7.2%
1,201 - 6,000	5.5%	9.5%	7.8%	4.8%
601 - 1,200	9.1%	10.1%	8.6%	5.5%
301 - 600	4.8%	7.1%	5.7%	9.4%
Less than 300	4.9%	11.9%	5.1%	3.3%
Finance Category				
Core City	17.1%	17.6%	13.7%	16.9%
Denver Metro	6.8%	8.5%	7.7%	6.4%
Urban/Suburban	9.3%	9.3%	9.3%	7.6%
Outlying City	5.0%	9.2%	5.3%	4.2%
Outlying Town	6.5%	10.7%	8.4%	3.8%
Rural	8.4%	10.0%	6.7%	9.9%
Recreational	2.4%	9.2%	3.8%	2.2%
Small Attendance	2.8%	11.1%	4.9%	4.8%

Average Achievement Results of Grade 10 Students on the
Tests of Achievement and Proficiency, Form G
in terms of National Percentile Ranks (NPR)
and Developmental Scale Scores (DSS)
Fall 1988 and 1991

	Reading				Written Expression			
	1988		1991		1988		1991	
	NPR	DSS	NPR	DSS	NPR	DSS	NPR	DSS
State	58	182	**61**	**184**	52	175	**53**	**176**
Gender								
Female	63	185	**65**	**187**	59	182	**60**	**182**
Male	52	179	**57**	**181**	44	169	**45**	**170**
Race/Ethnicity								
American Indian/ Alaskan Native	45	173	**45**	**173**	40	166	**40**	**166**
Asian/Pacific Islander	57	181	**61**	**184**	60	182	**58**	**181**
Black	36	167	**38**	**168**	36	163	**39**	**165**
Hispanic	40	169	**42**	**171**	33	160	**35**	**162**
White	63	185	**66**	**188**	56	179	**56**	**179**
District Size								
Above 25,000	58	182	**60**	**183**	54	177	**52**	**175**
6,001 - 25,000	58	182	**64**	**186**	52	175	**55**	**178**
1,201 - 6,000	53	179	**58**	**182**	48	172	**49**	**173**
601 - 1,200	60	183	**57**	**181**	49	173	**51**	**174**
301 - 600	62	184	**60**	**183**	54	177	**53**	**176**
Less than 300	66	188	**63**	**185**	61	183	**56**	**179**
Finance Category								
Core City	51	178	**45**	**173**	48	172	**40**	**166**
Denver Metro	63	185	**65**	**187**	57	180	**56**	**179**
Urban/Suburban	52	179	**63**	**185**	46	171	**54**	**177**
Outlying City	58	182	**58**	**182**	50	174	**49**	**173**
Outlying Town	53	179	**61**	**184**	46	171	**53**	**176**
Rural	63	185	**58**	**182**	56	179	**50**	**174**
Recreational	67	189	**64**	**186**	60	182	**55**	**178**
Small Attendance	67	189	**60**	**183**	61	183	**53**	**176**

Average Achievement Results of Grade 10 Students on the
Tests of Achievement and Proficiency, Form G
in terms of National Percentile Ranks (NPR)
and Developmental Scale Scores (DSS)
Fall 1988 and 1991

	Information				Mathematics			
	1988		1991		1988		1991	
	NPR	DSS	NPR	DSS	NPR	DSS	NPR	DSS
State	55	182	**57**	**184**	57	179	**56**	**178**
Gender								
Female	58	185	**60**	**187**	57	179	**56**	**178**
Male	52	180	**53**	**181**	56	178	**56**	**178**
Race/Ethnicity								
American Indian/ Alaskan Native	43	173	**44**	**174**	42	171	**39**	**169**
Asian/Pacific Islander	58	185	**60**	**187**	66	186	**67**	**186**
Black	33	165	**34**	**166**	37	163	**29**	**162**
Hispanic	36	168	**37**	**169**	37	168	**36**	**167**
White	59	186	**61**	**188**	61	181	**60**	**181**
District Size								
Above 25,000	56	183	**55**	**182**	57	179	**53**	**176**
6,001 - 25,000	57	184	**59**	**186**	58	180	**59**	**181**
1,201 - 6,000	50	178	**55**	**182**	49	175	**51**	**175**
601 - 1,200	53	181	**57**	**184**	57	179	**54**	**177**
301 - 600	57	184	**56**	**183**	57	179	**57**	**179**
Less than 300	60	187	**60**	**187**	57	179	**55**	**178**
Finance Category								
Core City	52	180	**41**	**171**	48	174	**39**	**169**
Denver Metro	58	185	**60**	**187**	61	182	**60**	**181**
Urban/Suburban	51	179	**57**	**184**	54	177	**56**	**178**
Outlying City	53	181	**55**	**182**	53	176	**50**	**175**
Outlying Town	50	178	**57**	**184**	52	176	**55**	**177**
Rural	57	184	**52**	**180**	57	179	**50**	**175**
Recreational	66	192	**62**	**189**	63	183	**63**	**183**
Small Attendance	61	188	**61**	**188**	63	183	**52**	**176**

Percent of Colorado Grade 10 Students
in the Upper Decile (90th -99th Percentiles)
on the Tests of Achievement and Proficiency, Form G
Fall 1988 and 1991

	Reading		Written Expression	
	1988	1991	1988	1991
State	15.0%	16.7%	11.3%	10.1%
Gender				
Female	16.4%	18.4%	14.0%	12.7%
Male	13.6%	15.0%	8.7%	7.6%
Race/Ethnicity				
American Indian/ Alaskan Native	8.4%	10.1%	3.7%	3.2%
Asian/Pacific Islander	14.6%	14.5%	15.7%	14.2%
Black	8.0%	4.3%	5.9%	5.4%
Hispanic	5.1%	6.4%	3.2%	3.8%
White	17.3%	19.6%	13.1%	11.6%
District Size				
Above 25,000	14.6%	17.2%	12.1%	10.7%
6,001 - 25,000	15.6%	18.2%	11.2%	10.8%
1,201 - 6,000	13.3%	13.4%	10.0%	7.6%
601 - 1,200	15.0%	13.1%	9.3%	9.7%
301 - 600	15.4%	15.6%	9.2%	9.2%
Less than 300	19.8%	13.8%	18.6%	9.1%
Finance Category				
Core City	13.5%	12.4%	11.3%	7.5%
Denver Metro	16.5%	18.7%	13.5%	11.1%
Urban/Suburban	13.1%	17.1%	8.8%	10.6%
Outlying City	15.7%	11.7%	11.1%	8.1%
Outlying Town	12.9%	14.4%	7.6%	8.8%
Rural	17.3%	14.6%	11.9%	8.1%
Recreational	18.4%	21.4%	18.4%	13.7%
Small Attendance	20.4%	13.0%	20.4%	7.8%

Percent of Colorado Grade 10 Students
in the Upper Decile (90th - 99th Percentiles)
on the Tests of Achievement and Proficiency, Form G
Fall 1988 and 1991

	Information		Mathematics	
	1988	1991	1988	1991
State	11.3%	12.7%	11.5%	13.1%
Gender				
Female	10.7%	13.0%	10.3%	11.0%
Male	11.9%	12.5%	12.6%	15.2%
Race/Ethnicity				
American Indian/ Alaskan Native	5.0%	4.5%	3.8%	5.5%
Asian/Pacific Islander	12.2%	12.5%	19.7%	20.8%
Black	3.2%	3.4%	2.7%	2.8%
Hispanic	3.0%	4.3%	3.1%	4.8%
White	13.1%	15.0%	13.4%	15.1%
District Size				
Above 25,000	12.1%	13.3%	12.1%	12.5%
6,001 - 25,000	11.9%	13.8%	12.6%	15.4%
1,201 - 6,000	9.0%	9.7%	8.1%	9.6%
601 - 1,200	10.6%	9.9%	9.5%	9.2%
301 - 600	11.5%	12.9%	11.2%	12.9%
Less than 300	11.0%	11.2%	9.9%	9.7%
Finance Category				
Core City	10.0%	9.1%	8.9%	8.7%
Denver Metro	13.1%	14.0%	13.6%	15.5%
Urban/Suburban	10.0%	13.3%	10.8%	12.9%
Outlying City	10.4%	10.0%	9.7%	7.7%
Outlying Town	8.2%	10.7%	7.3%	11.4%
Rural	11.1%	10.5%	11.5%	7.6%
Recreational	17.5%	17.5%	15.6%	20.0%
Small Attendance	10.2%	9.1%	12.2%	9.1%

Percent of Colorado Grade 10 Students
in the Upper Quartile (75th -99th Percentiles)
on the Tests of Achievement and Proficiency, Form G
Fall 1988 and 1991

	Reading		Written Expression	
	1988	1991	1988	1991
State	30.6%	**33.1%**	27.6%	**28.5%**
Gender				
Female	33.2%	**36.2%**	22.1%	**34.7%**
Male	28.1%	**30.1%**	33.3%	**22.3%**
Race/Ethnicity				
American Indian/ Alaskan Native	21.5%	**19.6%**	15.9%	**20.9%**
Asian/Pacific Islander	27.2%	**30.1%**	35.3%	**31.8%**
Black	15.9%	**15.0%**	16.5%	**15.5%**
Hispanic	13.8%	**15.6%**	11.2%	**12.2%**
White	34.8%	**37.9%**	31.2%	**32.4%**
District Size				
Above 25,000	31.7%	**32.3%**	29.3%	**28.4%**
6,001 - 25,000	31.2%	**36.1%**	27.5%	**30.3%**
1,201 - 6,000	26.4%	**29.0%**	24.7%	**24.6%**
601 - 1,200	30.1%	**27.0%**	24.6%	**26.4%**
301 - 600	29.6%	**30.3%**	26.3%	**27.6%**
Less than 300	41.3%	**33.2%**	35.5%	**32.0%**
Finance Category				
Core City	26.3%	**22.9%**	26.4%	**21.0%**
Denver Metro	35.6%	**36.5%**	32.5%	**30.7%**
Urban/Suburban	26.2%	**34.4%**	22.6%	**29.1%**
Outlying City	29.1%	**27.8%**	26.5%	**25.3%**
Outlying Town	25.3%	**30.1%**	21.1%	**27.9%**
Rural	33.7%	**29.8%**	29.4%	**26.5%**
Recreational	37.6%	**37.3%**	34.0%	**31.1%**
Small Attendance	40.8%	**31.2%**	30.6%	**28.6%**

Percent of Colorado Grade 10 Students
in the Upper Quartile (75th - 99th Percentiles)
on the Tests of Achievement and Proficiency, Form G
Fall 1988 and 1991

	Information		Mathematics	
	1988	1991	1988	1991
State	29.6%	**30.9%**	26.9%	**27.6%**
Gender				
Female	30.3%	**32.0%**	25.7%	**25.4%**
Male	28.9%	**29.7%**	28.0%	**29.9%**
Race/Ethnicity				
American Indian/ Alaskan Native	17.8%	**19.5%**	18.1%	**22.1%**
Asian/Pacific Islander	33.2%	**32.5%**	41.3%	**36.1%**
Black	11.1%	**10.3%**	10.0%	**9.4%**
Hispanic	12.3%	**14.2%**	10.7%	**12.0%**
White	33.3%	**35.3%**	30.5%	**31.4%**
District Size				
Above 25,000	29.9%	**30.9%**	26.9%	**26.9%**
6,001 - 25,000	31.7%	**33.1%**	29.8%	**31.0%**
1,201 - 6,000	25.5%	**26.3%**	20.3%	**22.2%**
601 - 1,200	25.0%	**30.1%**	24.8%	**24.9%**
301 - 600	31.2%	**26.2%**	25.5%	**25.2%**
Less than 300	33.7%	**27.4%**	29.7%	**22.6%**
Finance Category				
Core City	24.8%	**21.6%**	20.3%	**18.5%**
Denver Metro	33.4%	**34.3%**	31.9%	**32.1%**
Urban/Suburban	26.3%	**31.2%**	24.4%	**26.9%**
Outlying City	29.7%	**25.0%**	21.9%	**19.1%**
Outlying Town	23.0%	**29.8%**	22.0%	**25.3%**
Rural	29.8%	**23.5%**	26.0%	**21.2%**
Recreational	44.5%	**36.7%**	35.5%	**37.0%**
Small Attendance	34.7%	**24.7%**	28.6%	**20.8%**

Percent of Colorado Grade 10 Students
in the Lower Quartile (1st - 24th Percentiles)
on the Tests of Achievement and Proficiency, Form G
Fall 1988 and 1991

	Reading		Written Expression	
	1988	1991	1988	1991
State	18.1%	**15.2%**	23.3%	**20.3%**
Gender				
Female	13.4%	**11.2%**	15.1%	**13.0%**
Male	22.5%	**19.2%**	31.1%	**27.6%**
Race/Ethnicity				
American Indian/ Alaskan Native	28.0%	**30.4%**	34.6%	**34.8%**
Asian/Pacific Islander	18.9%	**13.4%**	21.1%	**15.0%**
Black	37.7%	**32.7%**	36.4%	**31.6%**
Hispanic	31.3%	**27.0%**	37.5%	**35.3%**
White	14.3%	**11.7%**	19.8%	**16.7%**
District Size				
Above 25,000	17.7%	**17.2%**	22.4%	**22.4%**
6,001 - 25,000	18.5%	**13.1%**	23.2%	**17.2%**
1,201 - 6,000	20.1%	**16.4%**	25.9%	**23.8%**
601 - 1,200	15.4%	**17.0%**	25.2%	**22.5%**
301 - 600	13.1%	**14.3%**	17.6%	**21.4%**
Less than 300	11.6%	**12.8%**	19.2%	**15.2%**
Finance Category				
Core City	24.1%	**30.0%**	28.8%	**33.2%**
Denver Metro	14.9%	**12.3%**	19.0%	**17.2%**
Urban/Suburban	21.4%	**13.2%**	27.3%	**18.5%**
Outlying City	17.6%	**16.0%**	24.1%	**25.9%**
Outlying Town	19.1%	**14.1%**	26.7%	**19.7%**
Rural	13.4%	**17.0%**	17.5%	**23.8%**
Recreational	10.6%	**15.9%**	18.4%	**19.6%**
Small Attendance	4.1%	**14.3%**	18.4%	**16.9%**

Percent of Colorado Grade 10 Students
in the Lower Quartile (1st - 24th Percentiles)
on the Tests of Achievement and Proficiency, Form G
Fall 1988 and 1991

	Information		Mathematics	
	1988	1991	1988	1991
State	20.5%	18.2%	17.6%	19.3%
Gender				
Female	15.6%	13.3%	15.3%	18.1%
Male	25.2%	23.0%	19.8%	20.4%
Race/Ethnicity				
American Indian/ Alaskan Native	26.7%	30.5%	25.7%	33.1%
Asian/Pacific Islander	16.3%	12.5%	9.1%	8.2%
Black	39.1%	34.7%	39.0%	42.5%
Hispanic	34.6%	31.8%	31.8%	33.7%
White	17.3%	14.6%	13.8%	15.4%
District Size				
Above 25,000	20.0%	20.3%	17.5%	22.6%
6,001 - 25,000	19.6%	16.6%	16.5%	16.1%
1,201 - 6,000	25.0%	19.3%	21.9%	21.6%
601 - 1,200	19.0%	15.2%	15.0%	19.4%
301 - 600	16.9%	17.7%	15.1%	16.7%
Less than 300	12.8%	12.2%	15.1%	14.9%
Finance Category				
Core City	23.5%	32.6%	24.6%	33.5%
Denver Metro	17.9%	15.4%	14.3%	16.3%
Urban/Suburban	23.6%	17.2%	19.1%	18.3%
Outlying City	23.4%	19.3%	21.1%	19.1%
Outlying Town	22.3%	16.1%	19.0%	19.6%
Rural	16.4%	19.5%	16.2%	21.5%
Recreational	12.4%	16.0%	13.5%	13.0%
Small Attendance	10.2%	9.1%	8.2%	15.6%

Percent of Colorado Grade 10 Students
in the Bottom Decile (1st - 9th Percentiles)
on the Tests of Achievement and Proficiency, Form G
Fall 1988 and 1991

	Reading		Written Expression	
	1988	1991	1988	1991
State	5.8%	5.9%	7.9%	6.8%
Gender				
Female	3.4%	3.8%	3.8%	3.1%
Male	8.2%	7.9%	11.9%	10.6%
Race/Ethnicity				
American Indian/ Alaskan Native	10.3%	11.4%	9.3%	12.7%
Asian/Pacific Islander	6.3%	3.3%	6.9%	3.0%
Black	12.6%	12.4%	14.4%	12.1%
Hispanic	9.6%	12.0%	14.7%	13.0%
White	4.7%	4.3%	6.2%	5.4%
District Size				
Above 25,000	5.8%	7.7%	7.2%	8.5%
6,001 - 25,000	5.8%	4.8%	7.8%	5.5%
1,201 - 6,000	7.2%	5.9%	9.7%	7.6%
601 - 1,200	4.4%	6.0%	9.5%	6.8%
301 - 600	4.6%	2.0%	5.7%	5.8%
Less than 300	1.7%	2.6%	4.1%	3.0%
Finance Category				
Core City	7.9%	15.5%	10.2%	14.9%
Denver Metro	5.0%	4.6%	5.8%	5.5%
Urban/Suburban	6.8%	4.6%	9.6%	5.7%
Outlying City	5.7%	5.3%	9.7%	7.5%
Outlying Town	6.3%	3.4%	9.6%	6.3%
Rural	3.1%	4.4%	5.5%	7.3%
Recreational	2.1%	7.4%	3.5%	6.3%
Small Attendance	0.0%	2.6%	6.1%	2.6%

Percent of Colorado Grade 10 Students
in the Bottom Decile (1st - 9th Percentiles)
on the Tests of Achievement and Proficiency, Form G
Fall 1988 and 1991

	Information		Mathematics	
	1988	1991	1988	1991
State	8.2%	7.3%	6.4%	7.8%
Gender				
Female	5.1%	4.5%	5.3%	6.8%
Male	11.2%	10.0%	7.5%	8.8%
Race/Ethnicity				
American Indian/ Alaskan Native	9.9%	11.0%	8.6%	14.7%
Asian/Pacific Islander	6.6%	3.4%	4.3%	3.0%
Black	19.3%	17.2%	17.4%	19.8%
Hispanic	13.6%	13.9%	12.2%	14.0%
White	6.7%	5.5%	4.7%	6.0%
District Size				
Above 25,000	7.9%	9.6%	6.5%	10.0%
6,001 - 25,000	8.1%	6.3%	6.4%	6.4%
1,201 - 6,000	9.9%	6.1%	7.3%	7.6%
601 - 1,200	7.6%	5.0%	3.6%	5.8%
301 - 600	6.5%	4.8%	6.2%	5.8%
Less than 300	2.9%	4.6%	3.5%	7.7%
Finance Category				
Core City	8.2%	18.2%	9.0%	15.9%
Denver Metro	7.2%	5.9%	5.0%	6.4%
Urban/Suburban	10.4%	6.2%	7.9%	7.2%
Outlying City	8.5%	4.9%	7.7%	6.5%
Outlying Town	9.2%	5.5%	4.7%	6.9%
Rural	6.1%	7.0%	5.6%	7.1%
Recreational	2.2%	5.5%	5.7%	5.6%
Small Attendance	2.0%	1.3%	2.0%	10.4%

Number of Grade 4 Students Tested
for the Colorado Student Assessment Program
on the Iowa Tests of Basic Skills
by Reporting Classifications

Group	Range of Students* 1988	1991
State	11,569 - 11,735	13,504 - 13,596
Gender**		
Females	5,739 - 5,814	6,538 - 6,590
Males	5,827 - 5,925	6,958 - 7,006
Race/Ethnicity**		
American Indian/ Alaskan Native	106 - 110	206 - 211
Asian/Pacific Islander	238 - 241	386 - 391
Black	545 - 557	716 - 732
Hispanic	1,706 - 1,728	2,291 - 2,315
White	8,933 - 9,074	9,877 - 9,919
District Size		
Above 25,000	3,153 - 3,176	5,185 - 5,232
6,001 - 25,000	5,168 - 5,320	4,700 - 4,737
1,201 - 6,000	2,024 - 2,037	2,401 - 2,409
601 - 1,200	621 - 631	573 - 581
301 - 600	394 - 396	405 - 407
Less than 300	184 - 185	234 - 237
Finance Category		
Core City	1,048 - 1,062	1,372 - 1,404
Denver Metro	4,703 - 4,837	5,400 - 5,434
Urban/Suburban	3,250 - 3,277	3,901 - 3,931
Outlying City	780 - 783	782 - 785
Outlying Town	1,113 - 1,133	1,214 - 1,218
Rural	453 - 455	470 - 475
Recreational	162 - 165	280 - 288
Small Attendance	36 - 36	72 - 72

* Because not all students completed the entire test battery, the lowest and highest number of students taking the individual tests included in this report are presented.

** May not add to the total for all students as this information was missing for some students.

Number of Grade 7 Students Tested
for the Colorado Student Assessment Program
on the Iowa Tests of Basic Skills
by Reporting Classifications

Group	Range of Students* 1988	1991
State	11,001 - 11,066	11,956 - 12,534
Gender**		
Females	5,454 - 5,485	5,884 - 6,160
Males	5,543 - 5,581	6,071 - 6,378
Race/Ethnicity**		
American Indian/ Alaskan Native	202 - 206	301 - 322
Asian/Pacific Islander	224 - 226	234 - 255
Black	441 - 456	585 - 715
Hispanic	1,261 - 1,266	1,803 - 1,899
White	8,343 - 8,387	9,030 - 9,354
District Size		
Above 25,000	2,785 - 2,810	4,274 - 4,853
6,001 - 25,000	5,123 - 5,159	4,515 - 4,555
1,201 - 6,000	2,054 - 2,071	2,125 - 2,131
601 - 1,200	535 - 549	451 - 455
301 - 600	316 - 320	352 - 355
Less than 300	175 - 175	211 - 212
Finance Category		
Core City	897 - 909	997 - 1,050
Denver Metro	4,482 - 4,521	4,900 - 5,410
Urban/Suburban	3,356 - 3,374	3,566 - 3,633
Outlying City	640 - 641	639 - 640
Outlying Town	1,039 - 1,052	1,016 - 1,020
Rural	387 - 389	423 - 426
Recreational	154 - 157	320 - 323
Small Attendance	41 - 41	62 - 62

* Because not all students completed the entire test battery, the lowest and highest number of students taking the individual tests included in this report are presented.

** May not add to the total for all students as this information was missing for some students.

Number of Grade 10 Students Tested
for the Colorado Student Assessment Program
on the Tests of Achievement and Proficiency
by Reporting Classifications

Group	Range of Students* 1988	1991
State	8,890 - 9,578	9,916 - 9,975
Gender**		
Females	4,369 - 4,682	4,955 - 4,984
Males	4,513 - 4,894	4,956 - 4,991
Race/Ethnicity**		
American Indian/ Alaskan Native	101 - 107	154 - 163
Asian/Pacific Islander	196 - 208	265 - 269
Black	404 - 438	373 - 394
Hispanic	1,041 - 1,348	1,484 - 1,494
White	7,135 - 7,466	7,636 - 7,664
District Size		
Above 25,000	3,113 - 3,156	3,311 - 3,378
6,001 - 25,000	3,242 - 3,894	4,153 - 4,163
1,201 - 6,000	1,593 - 1,603	1,569 - 1,574
601 - 1,200	500 - 505	381 - 383
301 - 600	259 - 262	294 - 294
Less than 300	172 - 172	195 - 197
Finance Category		
Core City	967 - 985	1,106 - 1,159
Denver Metro	3,834 - 3,874	4,147 - 4,178
Urban/Suburban	2,065 - 2,701	2,637 - 2,647
Outlying City	597 - 599	488 - 494
Outlying Town	871 - 880	831 - 832
Rural	358 - 361	340 - 344
Recreational	137 - 141	270 - 275
Small Attendance	49 - 49	77 - 77

* Because not all students completed the entire test battery, the lowest and highest number of students taking the individual tests included in this report are presented.

** May not add to the total for all students as this information was missing for some students.

School Districts by Size Categories

Above 25,000		
Adams	Adams-Arapahoe	28J
El Paso	Colorado Springs	11
Arapahoe	Cherry Creek	5
Denver	Denver County	1
Jefferson	Jefferson County	R-1
6,001 - 25,000		
Adams	Adams County	14
El Paso	Widefield	3
El Paso	Harrison	2
Adams	Westminster	50
El Paso	Academy	20
Weld	Greeley	6
Larimer	Thompson	R-2J
Douglas	Douglas County	RE1
Boulder	St. Vrain Valley	RE1J
Arapahoe	Littleton	6
Mesa	Mesa County Valley	51
Pueblo	Pueblo City	60
Larimer	Poudre	R-1
Adams	Northglenn-Thornton	12
Boulder	Boulder Valley	RE2
1,201 - 6,000		
Weld	Johnston-Milliken	RE5J
Weld	Eaton	RE-2
Park	Platte Canyon	1
Larimer	Park (Estes Park)	R-3
Otero	Rocky Ford	R-2
El Paso	Manitou Springs	14
Chaffee	Salida	R-32
Morgan	Brush	RE-2(J)
Rio Grande	Monte Vista	C-8
Clear Creek	Clear Creek	RE-1
Elbert	Elizabeth	C-1
Gunnison	Gunnison Watershed	RE1J
Las Animas	Trinidad	1
Fremont	Florence	RE-2
Arapahoe	Sheridan	2
Weld	Gilcrest	RE-1
Routt	Steamboat Springs	RE-2
Summit	Summit	RE-1
Weld	Windsor	RE-4
Otero	East Otero	R-1
Prowers	Lamar	RE-2
Weld	Fort Lupton	RE-8

1,201 - 6,000 (continued)

Teller	Woodland Park	RE-2
El Paso	Cheyenne Mountain	12
Alamosa	Alamosa	RE-11J
Garfield	Garfield	RE-2
El Paso	Falcon	49
El Paso	Lewis-Palmer	38
Moffat	Moffat County	RE No.1
Logan	Valley	RE-1
Morgan	Fort Morgan	RE-3
Eagle	Eagle County	RE 50
Montezuma	Montezuma-Cortez	RE-1
Fremont	Canon City	RE-1
Garfield	Roaring Fork	RE-1
El Paso	Fountain	8
Delta	Delta County	50(J)
Adams	Brighton	27J
La Plata	Durango	9-R
Pueblo	Pueblo County Rural	70
Arapahoe	Englewood	1
Montrose	Montrose County	RE-1J
Adams	Mapleton	1

601 - 1,200

Montezuma	Dolores	RE-4A
Saguache	Center	26 JT
Rio Grande	Del Norte	C-7
Rio Blanco	Rangely	RE-4
Huerfano	Huerfano	RE-1
Rio Blanco	Meeker	RE-1
Bent	Las Animas	RE-1
Weld	Ault-Highland	RE-9
La Plata	Bayfield	10 JT-R
Chaffee	Buena Vista	R-31
Adams	Bennett	29J
Kit Carson	Burlington	RE-6J
Yuma	East Yuma	RJ-2
Weld	Platte Valley	RE-7
Yuma	West Yuma	RJ-1
La Plata	Ignacio	11 JT
Grand	East Grand	2
Pitkin	Aspen	1
Lake	Lake	R-1
Archuleta	Archuleta	50 JT
Conejos	North Conejos	RE-1J
Weld	Keenesburg	RE-3

301 - 600

Dolores	Dolores	RE 2
Jackson	North Park	R-1
Kiowa	Eads	RE-1
San Miguel	Norwood	R-2J
Conejos	Sanford	6J
El Paso	Peyton	23 JT
Costilla	Sierra Grande	R-30
Prowers	Wiley	Re-13 JT
Baca	Springfield	RE-4
Prowers	Holly	RE-3
Sedgwick	Julesburg	RE-1
Gilpin	Gilpin	RE-1
San Miguel	Telluride	R-1
Routt	South Routt	RE 3
Teller	Cripple Creek-Victor	RE-1
Costilla	Centennial	R-1
El Paso	Calhan	RJ-1
Otero	Swink	33
Arapahoe	Byers	32J
Cheyenne	Cheyenne	RE-5
Custer	Consolidated	C-1
Garfield	Garfield	16
Park	Park	RE-2
Adams	Strasburg	31J
Washington	Akron	R-1
Montrose	West End	RE-2
Otero	Fowler	R-4J
Conejos	South Conejos	RE-10
Rio Grande	Sargent	RE-33J
Morgan	Wiggins	RE-50(J)
El Paso	Ellicott	22
Montezuma	Mancos	RE-6
Routt	Hayden	RE-1
Mesa	Plateau Valley	50
Lincoln	Limon	RE-4J
Grand	West Grand	1-JT
Crowley	Crowley	RE-1-J
Phillips	Holyoke	RE-1J

300 or less

El Paso	Edison	54 JT
Las Animas	Branson Reorganized	82
Hinsdale	Hinsdale	RE 1
Washington	Lone Star	101
Las Animas	Kim Reorganized	88
Elbert	Agate	300
Weld	Briggsdale	RE-10
El Paso	Hanover	28
Baca	Campo	RE-6
Baca	Vilas	RE-5

300 or less (continued)

Weld	Pawnee	RE-12
Lincoln	Karval	RE-23
Baca	Pritchett	RE-3
Kit Carson	Bethune	R-5
Mineral	Creede Consolidated	1
Saguache	Moffat	2
Washington	Woodlin	R-104
Weld	Prairie	RE-11
Kiowa	Plainview	RE-2
Mesa	De Beque	49JT
Kit Carson	Hi-Plains	R-23
San Juan	Silverton	1
Morgan	Weldon Valley	RE-20(J)
Cheyenne	Kit Carson	R-1
Logan	Plateau	RE-5
Washington	Arickaree	R-2
Elbert	Elbert	200
Arapahoe	Deer Trail	26J
Las Animas	Aguilar Reorganized	6
Las Animas	Primero Reorganized	2
El Paso	Miami-Yoder	60 JT
Sedgwick	Platte Valley	RE-3
Logan	Frenchman	RE-3
Ouray	Ouray	R-1
Otero	Cheraw	31
Bent	Mc Clave	RE-2
Washington	Otis	R-3
Saguache	Mountain Valley	RE 1
Elbert	Kiowa	C-2
Ouray	Ridgway	R-2
Logan	Buffalo	RE-4
Kit Carson	Arriba-Flagler	C-20
Prowers	Granada	RE-1
Lincoln	Genoa-Hugo	C113
Fremont	Cotopaxi	RE-3
Huerfano	La Veta	RE-2
Otero	Manzanola	3J
Baca	Walsh	RE-1
Las Animas	Hoehne Reorganized	3
Kit Carson	Stratton	R-4
Elbert	Big Sandy	100J
Alamosa	Sangre de Cristo	RE-22J
Phillips	Haxtun	RE-2J

BEST COPY AVAILABLE

SCHOOL DISTRICTS BY SCHOOL FINANCE CATEGORIES

Core City

Denver	Denver County	1

Denver Metro

Adams	Mapleton	1
Adams	Northglenn-Thornton	12
Adams	Westminster	50
Adams	Adams County	14
Adams	Brighton	27J
Arapahoe	Adams-Arapahoe	28J
Arapahoe	Sheridan	2
Arapahoe	Englewood	1
Arapahoe	Cherry Creek	5
Arapahoe	Littleton	6
Boulder	Boulder Valley	RE 2
Douglas	Douglas County	RE 1
Jefferson	Jefferson County	R 1

Urban-Suburban

Boulder	St. Vrain Valley	RE 1J
El Paso	Falcon	49
El Paso	Academy	20
El Paso	Cheyenne Mountain	12
El Paso	Manitou Springs	14
El Paso	Harrison	2
El Paso	Lewis-Palmer	38
El Paso	Widefield	3
El Paso	Fountain	8
El Paso	Colorado Springs	11
Larimer	Thompson	R 2J
Larimer	Poudre	R 1
Mesa	Mesa County Valley	51
Pueblo	Pueblo County Rural	70
Pueblo	Pueblo City	60
Weld	Greeley	6

Outlying City

Alamosa	Alamosa	RE 11J
Delta	Delta County	50(J)
Fremont	Canon City	RE 1
La Plata	Durango	9 R
Las Animas	Trinidad	1
Logan	Valley	RE-1
Moffat	Moffat County	RE No. 1
Montezuma	Montezuma-Cortez	RE-1
Montrose	Montrose County	RE-1J
Morgan	Fort Morgan	RE 3
Otero	East Otero	R-1
Prowers	Lamar	RE-2

Outlying Town

Adams	Bennett	29J
Archuleta	Archuleta County	50JT
Baca	Springfield	RE-4
Bent	Las Animas	RE-1
Chaffee	Buena Vista	R-31
Chaffee	Salida	R-32
Cheyenne	Cheyenne County	RE-5
Clear Creek	Clear Creek	RE-1
Conejos	South Conejos	RE-10
Crowley	Crowley County	RE-1-J
Elbert	Elizabeth	C-1
Fremont	Florence	RE-2
Garfield	Garfield	RE-2
Garfield	Roaring Fork	RE-1
Grand	West Grand	1
Gunnison	Gunnison Watershed	RE1J
Huerfano	Huerfano	RE-1
Kit Carson	Burlington	RE-6J
Lake	Lake County	R-1
Larimer	Park (Estes Park)	R-3
Lincoln	Limon	RE-4J
Morgan	Brush	RE-2(J)
Otero	Rocky Ford	R-2
Otero	Fowler	R-4J
Phillips	Holyoke	RE-1J
Prowers	Holly	RE-3
Rio Blanco	Meeker	RE1
Rio Blanco	Rangely	RE-4
Rio Grande	Monte Vista	C-8
Rio Grande	Del Norte	C-7
Routt	Hayden	RE-1
Saguache	Center	26JT.
Sedgwick	Julesburg	RE-1
Teller	Woodland Park	RE-2
Washington	Akron	R-1
Weld	Eaton	RE-2
Weld	Platte Valley	RE-7
Weld	Ault-Highland	RE-9
Weld	Fort Lupton	RE-8
Weld	Johnstown-Milliken	RE-5J
Weld	Gilcrest	RE-1
Weld	Windsor	RE-4
Yuma	West Yuma County	RJ-1
Yuma	East Yuma County	RJ-2

Rural

Adams	Strasburg	31J
Alamosa	Sangre de Cristo	RE 22J
Arapahoe	Deer Trail	26J
Arapahoe	Byers	32J
Baca	Walsh	RE-1
Bent	McClave	RE-2
Conejos	Sanford	6J
Conejos	North Conejos	RE 1J
Costilla	Sierra Grande	R-30
Costilla	Centennial	R-1
Custer	Consolidated	C-1
Dolores	Dolores County	RE No 2
El Paso	Peyton	23JT
El Paso	Ellicott	22
El Paso	Calhan	RJ-1
El Paso	Miami/Yoder	60JT
Elbert	Kiowa	C-2
Elbert	Big Sandy	100J
Fremont	Cotopaxi	RE-3
Garfield	Garfield	16
Gilpin	Gilpin County	RE-1
Huerfano	La Veta	RE-2
Jackson	North Park	R-1
Kiowa	Eads	RE-1
Kit Carson	Stratton	R-4
Kit Carson	Arriba-Flagler	C-20
La Plata	Bayfield	10JT-R
La Plata	Ignacio	11JT
Las Animas	Aguilar Reorganized	6
Las Animas	Hoehne Reorganized	3
Las Animas	Primero Reorganized	2
Lincoln	Genoa-Hugo	C113
Logan	Buffalo	RE-4
Mesa	Plateau Valley	50
Montezuma	Mancos	RE-6
Montezuma	Dolores	RE-4A
Montrose	West End	RE-2
Morgan	Wiggins	RE-50(J)
Otero	Manzanola	3J
Otero	Swink	33
Otero	Cheraw	31
Ouray	Ridgway	R-2
Ouray	Ouray	R-1
Park	Park County	RE-2
Park	Platte Canyon	1
Phillips	Haxtun	RE-2J
Prowers	Granada	RE-1
Prowers	Wiley	RE-13JT
Rio Grande	Sargent	RE-33J
Routt	South Routt	RE-3
Saguache	Mountain Valley	RE-1
San Juan	Silverton	1
San Miguel	Norwood	R-2J
Sedgwick	Platte Valley	RE-3
Teller	Cripple Creek-Victor	RE-1
Washington	Otis	R-3
Weld	Keenesburg	RE-3

Recreational

Eagle	Eagle County	RE-50
Grand	East Grand	2
Pitkin	Aspen	1
Routt	Steamboat Springs	RE-2
San Miguel	Telluride	R-1
Summit	Summit	RE-1

Small Attendance

Baca	Pritchett	RE-3
Baca	Campo	RE-6
Baca	Vilas	RE-5
Cheyenne	Kit Carson	R-1
El Paso	Hanover	28
El Paso	Edison	54JT
Elbert	Elbert	200
Elbert	Agate	300
Hinsdale	Hinsdale County	RE-1
Kiowa	Plainview	RE-2
Kit Carson	Hi-Plains	R-23
Kit Carson	Bethune	R-5
Las Animas	Branson Reorganized	82
Las Animas	Kim Reorganized	88
Lincoln	Karval	RE-23
Logan	Plateau	RE-5
Logan	Frenchman	RE-3
Mesa	DeBeque	49JT
Mineral	Creede Consolidated	1
Morgan	Weldon Valley	RE-20(J)
Saguache	Moffat	2
Washington	Lone Star	101
Washington	Arickaree	R-2
Washington	Woodlin	R-104
Weld	Briggsdale	RE-10
Weld	Grover	RE-12
Weld	Prairie	RE-11

Core City - large urbanized districts with district and city boundaries which are coterminous.
Denver Metro - districts located within the Denver-Boulder standard metropolitan statistical area which are primarily suburban in nature, compete economically for the same staff pool, and reflect the regional economy of the area.
Urban-Suburban - districts which comprise the state's major population centers outside of the Denver metropolitan area and their immediately surrounding suburbs.
Outlying City - districts in which most pupils live in population centers of seven thousand persons but less than thirty thousand persons.
Outlying Town - districts in which most pupils live in population centers in excess of one thousand persons but less than seven thousand persons.
Rural - districts with no population centers in excess of one thousand persons and is characterized by sparse widespread populations.
Recreational - districts which contain major recreational developments that impact the cost of property values, community income, and other cost of living components.
Small Attendance - districts which are rural in nature and have pupil enrollments of less than one hundred fifty.